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AVSCOM TECHNICAL REPORT 76-9, VOL 1

OH-58A FLAT RATE MANUAL

PARKS COLLEGE OF ST. LOUIS UNIVERSITY  
CAIROKIA, ILLINOIS 62206

MARCH 1976

FINAL REPORT FOR PERIOD 1 JAN 70 - 31 DEC 73

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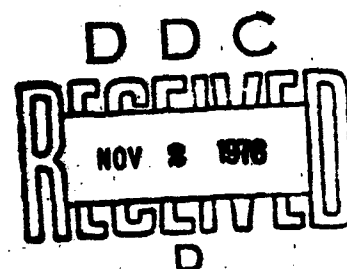
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# PREFACE

This publication is an updated version of the original OH-58A (August 1973) Flat Rate Manual. It is a result of four years of data editing and validation procedures of TAERS/TAMMS data through development of ADP programs within the RAMMIT system. Manuals that have been published include AH-1G (July 1973), CH-47A (December 1974) and UH-1H (July 1975).

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**SECTION 1**  
**INTRODUCTION**



### 1.1 Purpose

The purpose of this Flat Rate Manual is to provide statistical manhour parameters for the performance of tasks involved at the Organizational, Direct and General Support maintenance levels. A total (Summation of Organizational and Direct Support) maintenance manhour parameter is also given.

This manual specifies a standard hour parameter set for each type maintenance action reported at these levels. It should be understood that these are actual times, and may include some non-productive hours caused by a number of problems which may arise during the performance of maintenance. Also, since ideal conditions do not exist in maintenance, the data presented does not represent the most efficient time possible to perform the work in question. It is intended that this information will provide a basis for:

- a. Evaluating and predicting maintenance requirements.
- b. Comparing the performance of an activity against a recognized standard.

### 1.2 Scope and Limitations

The data provided in this manual is for the OH-58A fleet. The information includes data on the number of manhours required to perform specific maintenance actions.

The data used in the statistical analysis portion of the manual was extracted from DA Form 2407 and 2408-3. All data provided at the Support Level was extracted from DA Form 2407 and all data for the Organizational Level was from DA Form 2408-3. The Total Level combines the

two sources of reporting to provide an overall view of maintenance actions.

This data is limited to the degree of accurate reporting of manhour times by field personnel. Also, as mentioned before, the data does include non-productive hours resulting from a number of factors.

### 1.3 Methods

Data from DA Forms 2407 and 2408-3 were assigned a nine digit Work Unit Code (WUC). The WUC presents a system, subsystem, component and part breakdown of those items upon which a specific maintenance actions had been reported. Also provided was the noun nomenclature of the items, and the manhour frequencies at the Organization and Support Levels; and a total figure set of these frequencies.

The WUC also provided Federal Stock Numbers (FSN's) and Part Numbers (PN's) of those items selected. The basis for selection was made on the following criteria:

- a. Sufficient data to establish manhour parameters.
- b. Valid FSN or PN should accompany the item for the purpose of identification. Exceptions were made in cases where an item could easily be identified on the illustration without the use of PN or FSN.

After selecting those items to be presented in the Flat Rate Manual, the next step was to set high and low limits on the manhour frequencies at all levels of maintenance. The purpose of setting limits on the data was to eliminate some of the more widely scattered manhour frequency samples.

The majority of limitations were made on the basis of an "engineering decision." With this technique, those samples which had an obviously erroneous manhour entry or seemed abnormal in comparison to the other data within the sample were eliminated. An example of this procedure is as follows:

<u>Manhour Value</u>	<u>Frequency</u>
Lower Limit → 1.0	3
1.5	4
2.0	5
Upper limit → 3.0	2
10.0	1

Note that the manhours show an approximately normal distribution up to 3 manhours where it then jumps to 10. The data for this item would be limited at the lower end by 1.0 and the upper end by 3.0. Since there was only one "hit" at the 10 manhour interval, a decision was made that this entry was abnormally high for the maintenance action performed and should not be included to determine statistical parameters.

For those items with large manhour frequencies that could not be limited by the previous method, an alternate method of statistical computation was available. In this method, the mean and standard deviation of the sample is found. From these parameters, one can calculate manhour limits by adding either two or three standard deviations to the mean, depending upon the distribution of the samples and natural breaks in the sequence of values.

Considering only the data between the high and low limits, the following statistical parameters were calculated for each item selected and its corresponding action codes for each level of maintenance (total, organizational, direct and general support);

a. Mean - Average manhours to perform the maintenance actions in question. This parameter is calculated by the following formula:

$$(\text{Mean}) \bar{x} = \frac{\sum fx}{N}$$

where;

$\sum fx$  = Summation of manhour frequency products

$N$  = Number of observations

b. Median - The manhour value which divides the frequency distribution so that one-half of the items are equal to or greater than it. The advantage of this parameter over the mean is that the extreme large or small values do not influence its value as much as they would the mean.

Example: Considering the following distribution:

1, 2, 5, 6, 8, 10, 20

the Median would be (6) since there is an equal number of items on both sides.

c. Mode - Manhour value most frequently encountered for any particular maintenance action. Again, the extreme values of the distribution would not effect this parameter.

Example: Given the following manhour frequency distribution:

<u>Manhour Value</u>	<u>Frequency</u>
1.0	10
Mode → 1.5	25
2.0	14
2.5	11
10.0	4

The Mode would be 1.5 manhours since it is the value with the largest number of encounters.

d. Standard Deviation - This parameter is the measure of the spread of the manhour distribution about the mean. A small standard deviation in comparison to the mean indicates that the average manhour value does not fluctuate greatly among the reported samples, and the mean value is a relatively accurate representation of the time required to perform the given task.

If the standard deviation is large in comparison to the mean, it indicates that the reported manhour values are widely dispersed, and the mean value should be used conservatively when estimating manpower requirements. This latter condition will occur when the manhour distributions are skewed to the right or left of the mean.

The standard deviation is calculated by the following formula:

$$\sigma = \sqrt{\frac{\sum f(x)^2}{N-1} - \frac{(\sum fx)^2}{N(N-1)}}$$

e. Sample Size - Sample Size is the total number of maintenance encounters in each level within the limits set for the item. Since the limits for the Total, Organizational and Support levels do not necessarily

coincide due to the scattered distribution of the manhour frequencies, the sum of the Organizational and Support samples may not equal the sample size of the Total. Though some samples are extremely small, the parameters are used with the intention that the manual will be updated with more data.

Section II presents the data for scheduled maintenance actions (daily and periodic inspections) against End Item Aircraft. Subsequent sections are presented in functional group order. An illustration, pointing out the items selected precedes its corresponding statistical information. Those items which could not be identified from the -34P manual are shown on tables titled Miscellaneous at the end of each functional group.

An index arranged in Federal Stock Number (FSN) or Part Number (PN) sequence is provided in Appendix A for ease in locating a particular item's parameters.

SECTION II  
SCHEDULED MAINTENANCE ACTIONS AGAINST END ITEM AIRCRAFT  
DAILY AND PERIODIC

OH-58A FLAT RATE DATA  
SCHEDULED MAINTENANCE ACTIONS AGAINST END ITEM AIRCRAFT  
DAILY AND PERIODIC

	MAINT LEVEL	MEAN	MEDIAN	MODE	STD. DEV.	SAMPLE SIZE
DAILY	TOTAL	2.166	2.000	2.000	0.908	51273
	ORG.	2.166	2.000	2.000	0.907	51138
	SUPP.	2.192	2.000	2.000	1.157	135
PERIODIC	TOTAL	9.245	7.500	8.000	7.860	303
	ORG.	8.973	7.000	8.000	7.742	288
	SUPP.	27.989	28.000	28.000	0.434	20013



SECTION III  
FUNCTIONAL GROUP 01  
AIRFRAME SYSTEM

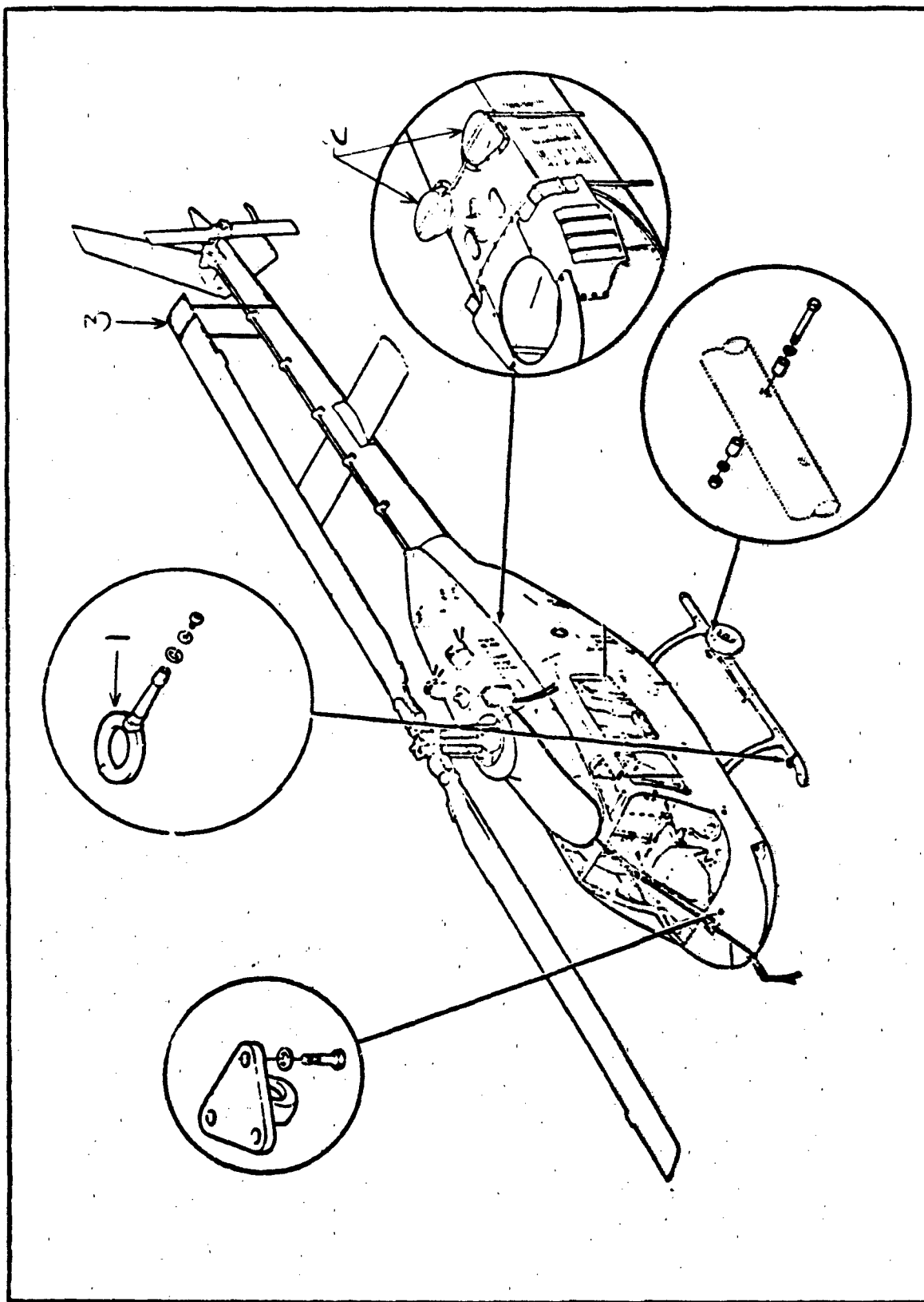


Figure 1 Covers and Loose Equipment

## OH-53A FLAT RATE DATA

## FUNCTIONAL GROUP 01

## REFERENCE FIGURE 1

ITEM NO.	NOMENCLATURE	FSN/PN	ACTION CODE	MAINT. LEVEL	MEAN	MEDIAN	MODE	STD. DEV.	SAMPLE SIZE
1	Towing Eye	16202296666	Replace	Total Org. Supp.	0.7 0.7 0.9	0.5 0.5 1.0	0.5 0.5 1.0	0.397 0.323 0.511	27 18 9
2	Engine Cover Assy	17301575476 17301789230	Replace	Total Org. Supp.	0.8 0.8 *	0.5 0.5 *	0.5 0.5 *	0.605 0.615 *	79 76 *
3	Main Rotor Tiedown Cover Assy	17302477236	Replace	Total Org. Supp.	0.5 0.5 *	0.5 0.5 *	0.5 0.5 *	0.269 0.266 *	134 128 *
				Total Org. Supp.					
				Total Org. Supp.					
				Total Org. Supp.					
				Total Org. Supp.					
				Total Org. Supp.					
				Total Org. Supp.					
				Total Org. Supp.					

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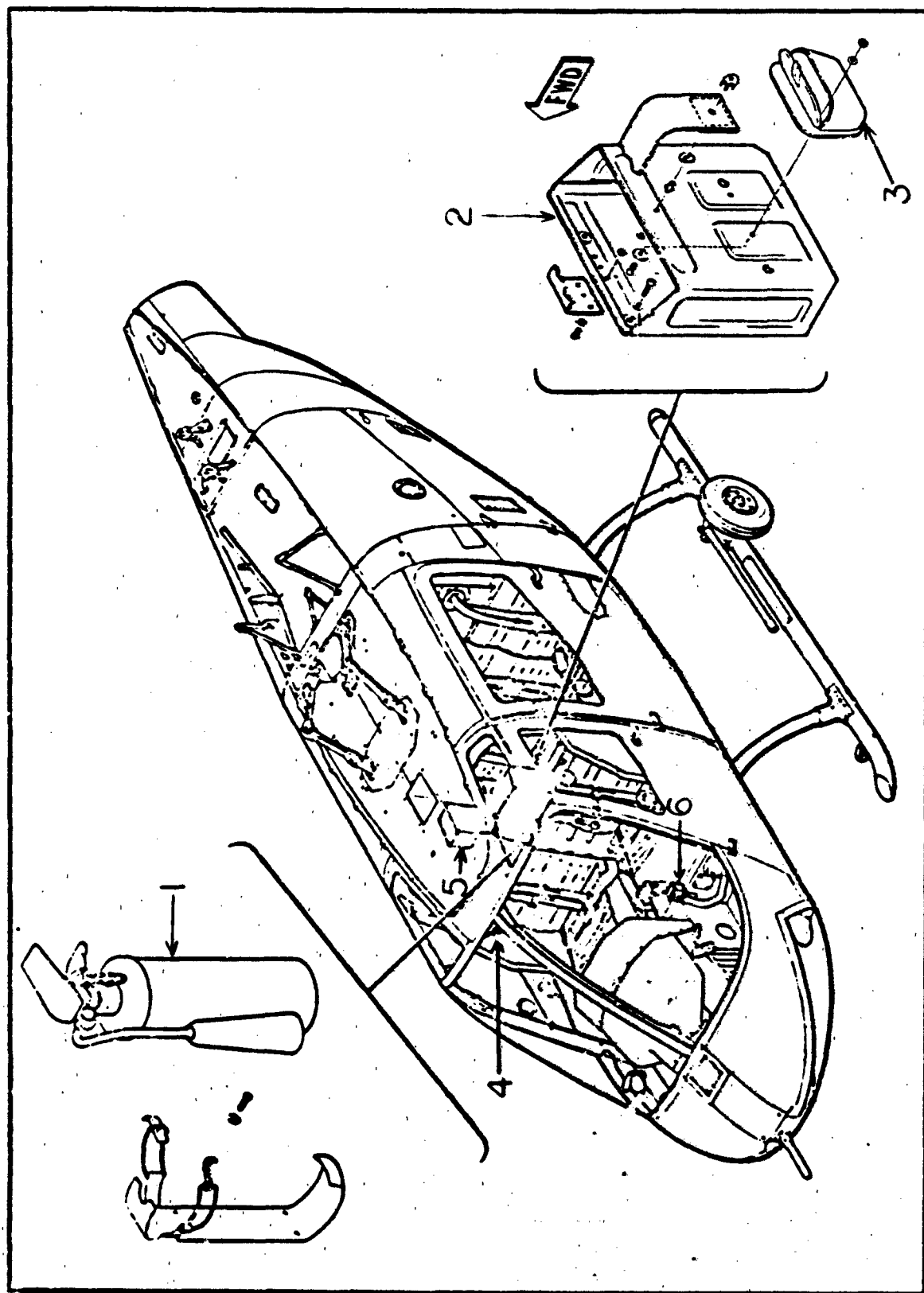


Figure 3 Auxiliary Installations

OH-53A FLAT RATE DATA  
FUNCTIONAL GROUP 01  
REFERENCE FIGURE 2

ITEM NO.	NOMENCLATURE	FSN/PN	ACTION CODE	MAINT. LEVEL	MEAN	MEDIAN	MODE	STD. DEV.	SAMPLE SIZE
1	Fire Extinguisher	42105550837	Replace	Total Org. Supp.	0.7 0.7 *	0.5 0.5 *	0.5 0.5 *	0.442 0.455 *	81 74 *
			Repair	Total Org. Supp.	0.9 0.9 *	1.0 1.0 *	1.0 1.0 *	0.440 0.440 *	11 11 *
			Initial Inspection	Total Org. Supp.	0.9 0.9 *	1.0 1.0 *	1.0 1.0 *	0.578 0.585 *	41 40 *
			Tested	Total Org. Supp.	0.9 0.9 *	0.5 0.5 *	0.5 0.5 *	0.586 0.561 *	32 31 *
			Remove and Install	Total Org. Supp.	0.5 0.5 *	0.5 0.5 *	0.5 0.5 *	0.333 0.337 *	176 172 *
			Checked	Total Org. Supp.	0.8 0.8 *	0.7 0.7 *	1.0 1.0 *	0.402 0.411 *	63 59 *
			Remove	Total Org. Supp.	0.5 0.5 *	0.5 0.5 *	0.5 0.5 *	0.309 0.295 *	21 20 *
			Install	Total Org. Supp.	0.5 0.5 *	0.5 0.5 *	0.5 0.5 *	0.322 0.273 *	25 21 *
			Replace	Total Org. Supp.	0.8 0.8 *	1.0 1.0 *	1.0 1.0 *	0.392 0.392 *	19 19 *
2	Map Case Assy	16801287489							

\*Insufficient Data

## OH-53A FLAT RATE DATA

## FUNCTIONAL GROUP 01

## REFERENCE FIGURE 2

ITEM NO.	DESCRIPTION	FEN/PN	ACTION CODE	MAINT. LEVEL	MEAN	MEDIAN	MODE	STD. DEV.	SAMPLE SIZE
	Map Case Assy (Cont'd)		Remove and Install	Total Org. Supp.	0.8 0.7 *	0.5 0.5 *	0.5 0.5 *	0.376 0.404 *	9 7 *
			Remove	Total Org. Supp.	0.3 0.5 0.2	0.3 0.5 0.2	0.5 0.5 0.2	0.158 0.000 0.071	5 2 3
			Install	Total Org. Supp.	2.3 2.3 *	2.0 2.0 *	2.0 2.0 *	0.518 0.518 *	6 6 *
			Replace	Total Org. Supp.	0.8 0.8 *	0.5 0.5 *	1.0 1.0 *	0.634 0.634 *	23 23 *
			Remove and Install	Total Org. Supp.	0.6 0.6 *	0.5 0.5 *	0.5 0.5 *	0.248 0.248 *	7 7 *
			Replace	Total Org. Supp.	1.0 0.9 *	1.0 1.0 *	1.0 1.0 *	0.433 0.233 *	9 8 *
4	Thermometer	66855279322 66856635237 66855268573 66855268574 66855575316		Total Org. Supp.					
			Replace	Total Org. Supp.	0.6 0.6 *	0.5 0.5 *	0.5 0.5 *	0.363 0.352 *	59 56 *
			Repair	Total Org. Supp.	0.5 0.5 *	0.5 0.5 *	0.5 0.5 *	0.356 0.38 *	11 9 *
5	First Aid Kit	65459196650	Replace	Total Org. Supp.	0.6 0.6 *	0.5 0.5 *	0.5 0.5 *	0.363 0.352 *	59 56 *

\*Insufficient Data

## OH-53A FLAT RATE DATA

## FUNCTIONAL GROUP 01

## REFERENCE FIGURE 2

ITEM NO.	NOMENCLATURE	FSN/PN	ACTION CODE	MAINT. LEVEL	MEAN	MEDIAN	MODE	STD. DEV.	SAMPLE SIZE
	First Aid Kit (Cont'd)		Service	Total	0.9	1.0	1.0	0.488	129
				Org.	0.8	0.7	1.0	0.455	111
				Supp.	1.3	1.5	1.5	0.433	18
			Initial Inspection	Total	0.9	0.9	0.5	0.532	19
				Org.	0.9	0.9	0.5	0.532	19
				Supp.	*	*	*	*	*
			Final Inspection	Total	0.5	0.5	0.5	0.290	6
				Org.	0.5	0.5	0.5	0.290	6
				Supp.	*	*	*	*	*
			Remove and Install	Total	0.5	0.5	0.5	0.272	118
				Org.	0.5	0.5	0.5	0.277	114
				Supp.	*	*	*	*	*
			Checked	Total	0.9	0.5	1.0	0.572	14
				Org.	0.9	1.0	1.0	0.584	13
				Supp.	*	*	*	*	*
6	Ash Tray	16801791394	Remove	Total	0.5	0.5	0.5	0.246	14
				Org.	0.4	0.5	0.5	0.198	13
				Supp.	*	*	*	*	*
			Install	Total	0.5	0.5	0.5	0.197	22
				Org.	0.4	0.5	0.5	0.160	17
				Supp.	*	*	*	*	*
			Replace	Total	0.6	0.5	0.5	0.421	17
				Org.	0.6	0.5	0.5	0.421	17
				Supp.	*	*	*	*	*
			Service	Total	0.5	0.3	0.3	0.306	9
				Org.	0.3	0.3	0.3	0.122	7
				Supp.	*	*	*	*	*

\*Insufficient Data





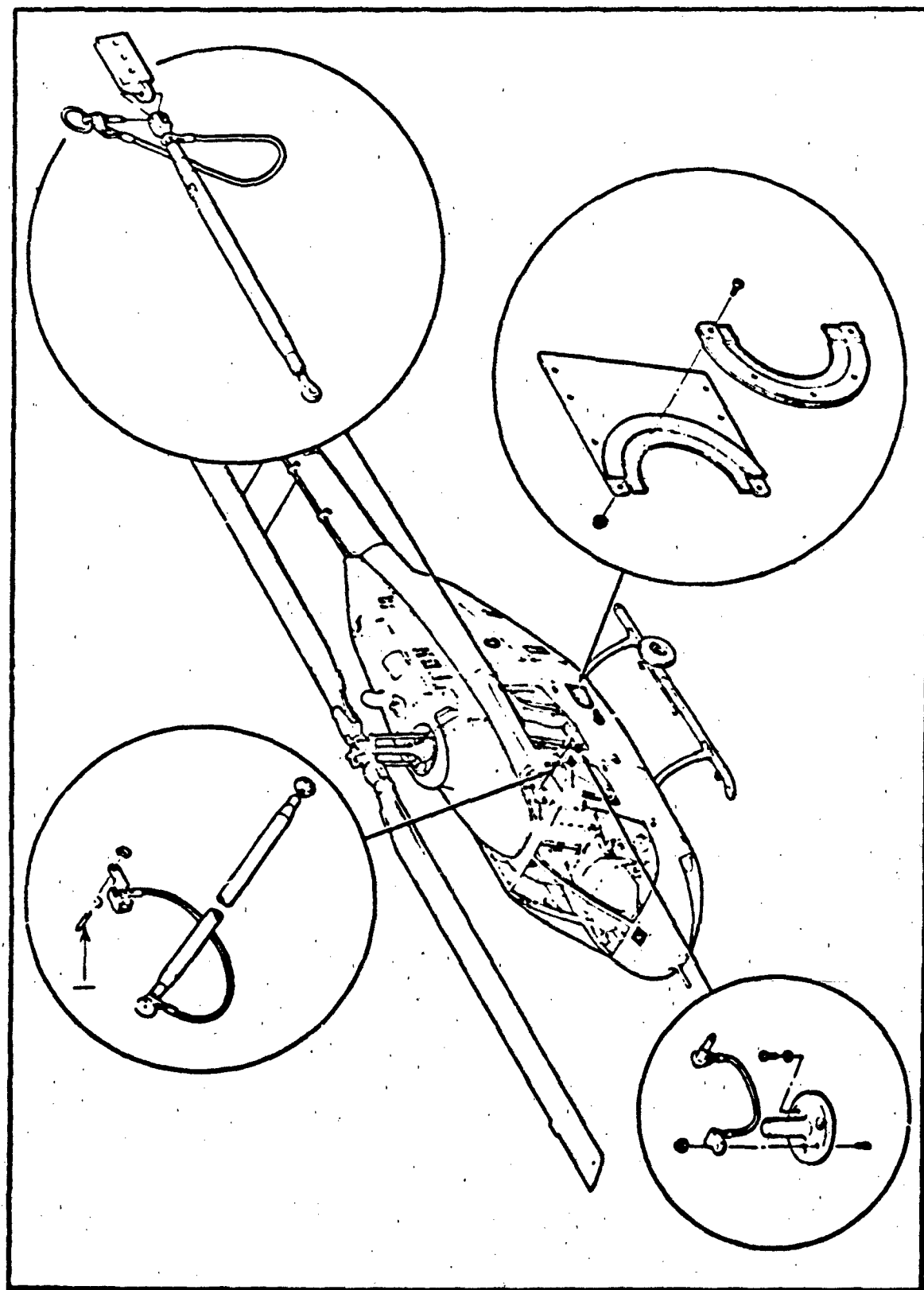
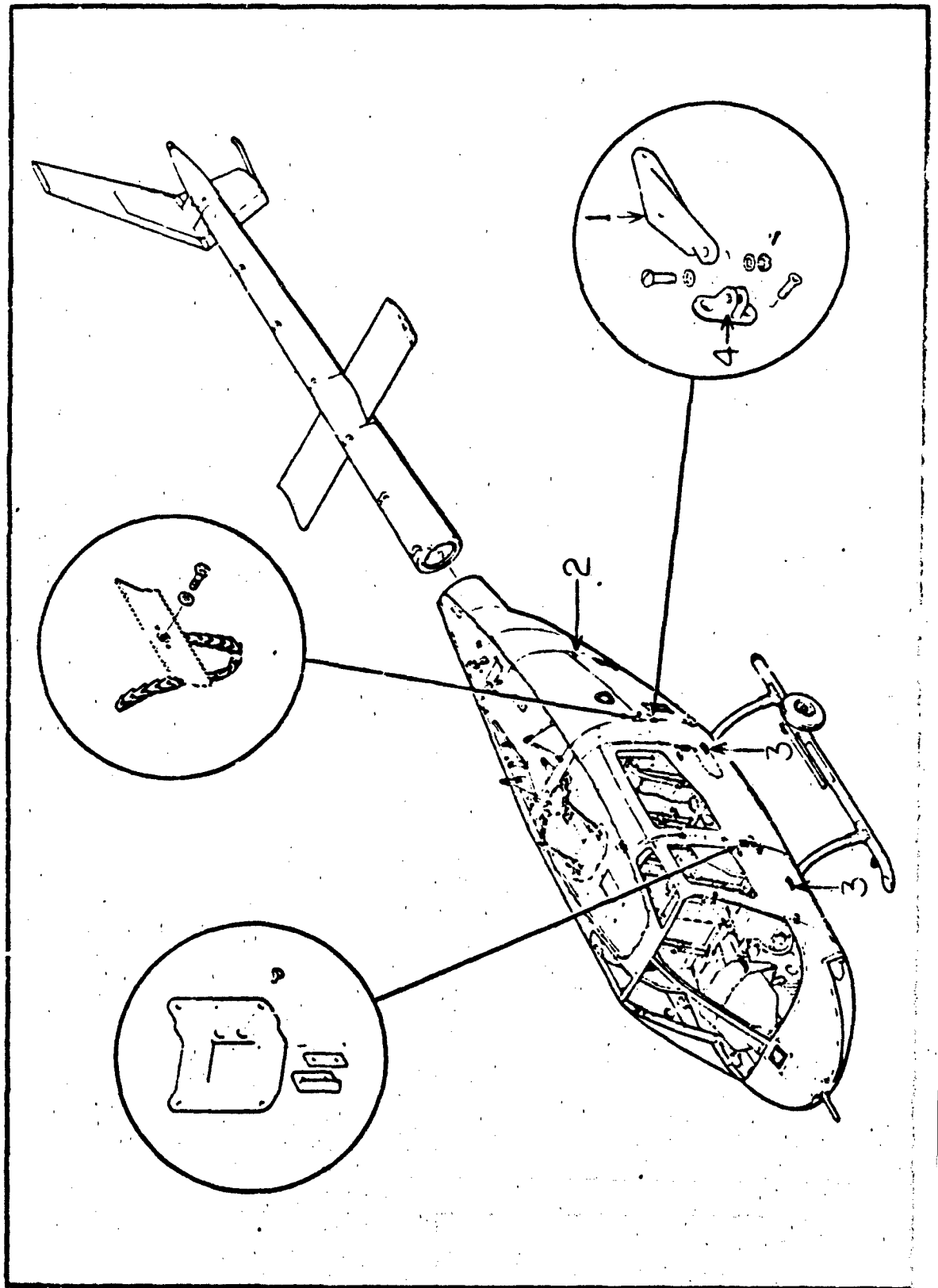


Figure 3 Armament Provisions Installations





## OH-53A FLAT RATE DATA

## FUNCTIONAL GROUP 01

## REFERENCE FIGURE 4

ITEM NO.	NOMENCLATURE	FSN/PN	ACTION CODE	MAINT. LEVEL	MEAN	MEDIAN	MODE	STD. DEV.	SAMPLE SIZE
1	Door Hinge	53401353044 53401365028 53401316421		Total	1.5	1.0	1.0	1.276	35
			Replace	Org.	0.7	0.5	1.0	0.397	20
				Supp.	2.4	1.5	4.0	1.238	14
			Adjust	Total	0.9	0.5	0.5	0.585	6
				Org.	1.1	1.0	1.0	0.630	4
				Supp.	*	*	*	*	*
2	Latch	53401317337		Total	2.4	2.1	1.0	1.301	78
			Repair	Org.	1.3	1.0	1.0	0.792	17
				Supp.	2.7	3.0	4.0	1.255	59
			Install	Total	2.2	1.5	1.5	1.052	10
				Org.	*	*	*	*	*
				Supp.	1.9	1.5	3.0	0.808	7
3	Strap Assy	53404206021 53404206022		Total	0.9	1.0	1.0	0.524	7
			Replace	Org.	0.8	1.0	1.0	0.250	5
				Supp.	*	*	*	*	*
			Replace	Total	1.5	1.0	1.0	1.032	57
				Org.	1.4	1.0	1.0	0.947	42
				Supp.	*	*	*	*	*
4	Door Clevis	15601241800 15601269146		Total	1.0	0.5	0.5	0.707	7
			Replace	Org.	0.6	0.5	0.5	0.224	5
				Supp.	*	*	*	*	*
				Total					
				Org.					
				Supp.					
				Total					
				Org.					
				Supp.					
				Total					
				Org.					
				Supp.					

\*Insufficient Data

OH-53A FLAT RATE DATA  
FUNCTIONAL GROUP 01  
REFERENCE FIGURE 4

ITEM NO.	NOMENCLATURE	FSN/PN	ACTION CODE	MAINT. LEVEL	MEAN	MEDIAN	MODE	STD. DEV.	SAMPLE SIZE
--	Door	15601275704	Replace	Total	2.6	1.5	4.0	2.039	21
				Org.	1.2	1.0	1.0	1.020	10
				Supp.	3.8	4.0	4.0	1.953	11
			Adjust	Total	1.8	2.0	2.0	0.360	19
				Org.	1.9	2.0	2.0	0.625	18
				Supp.	*	*	*	*	*
			Repair	Total	2.0	2.0	2.0	1.369	136
				Org.	1.1	1.0	0.5	0.710	67
				Supp.	2.3	2.0	2.0	1.066	51
			Service	Total	1.0	1.0	0.5	0.693	24
				Org.	0.8	0.5	0.5	0.463	19
				Supp.	*	*	*	*	*
			Final Inspection	Total	0.3	0.2	0.2	0.163	7
				Org.	*	*	*	*	*
				Supp.	0.3	0.2	0.2	0.163	7
			Remove and Install	Total	0.8	0.5	0.5	0.455	56
				Org.	0.7	0.5	0.5	0.413	48
				Supp.	1.1	1.0	1.0	0.624	8
			Remove	Total	0.6	0.5	0.5	0.300	12
				Org.	0.6	0.5	0.5	0.300	12
				Supp.	*	*	*	*	*
			Install	Total	0.9	0.5	0.5	0.709	29
				Org.	0.7	0.5	0.5	0.438	22
				Supp.	*	*	*	*	*
			Total	Total					
			Org.	Org.					
			Supp.	Supp.					

\*Insufficient Data

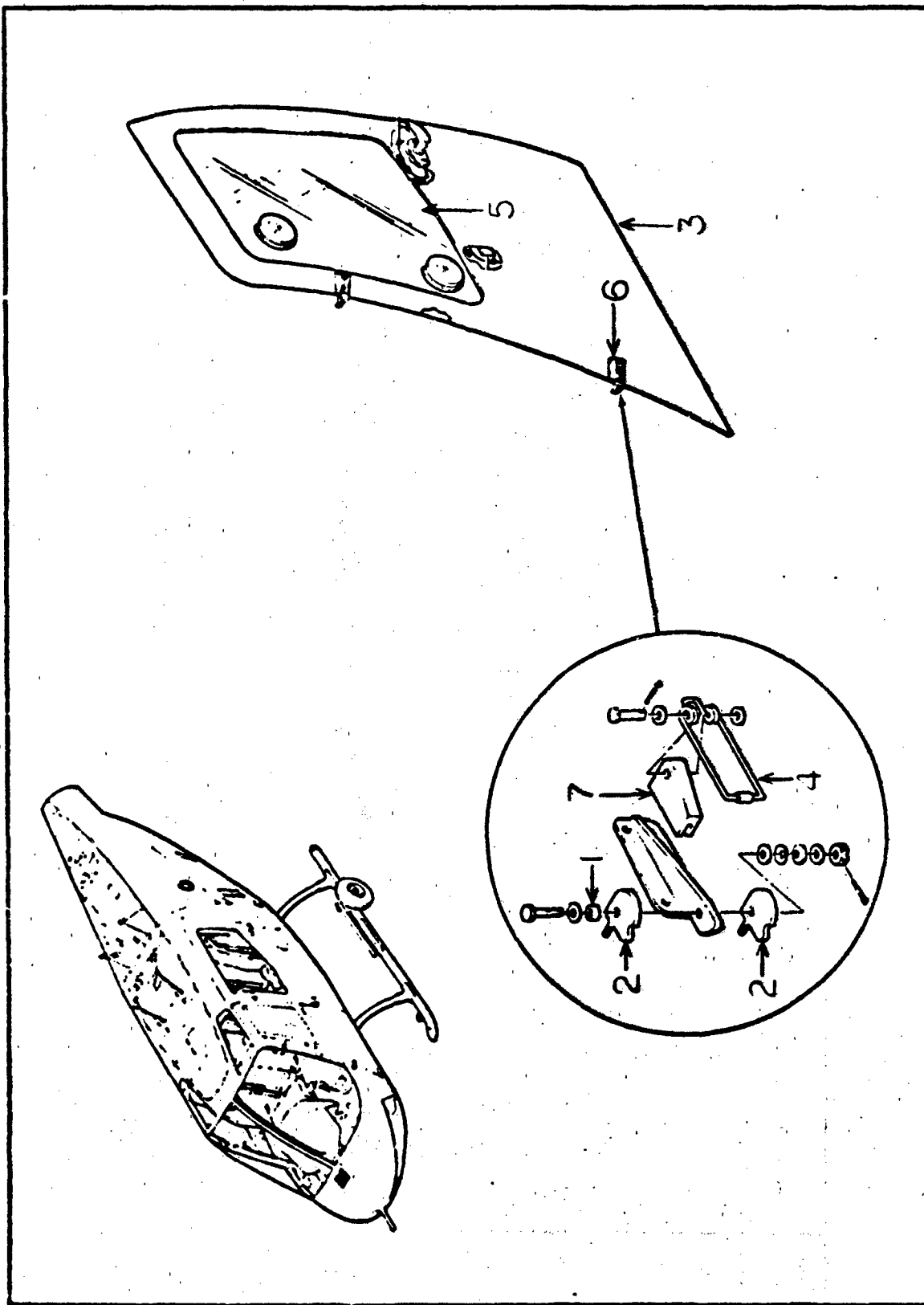


Figure 5 Crew Door Installation

OH-53A FLAT RATE DATA  
FUNCTIONAL GROUP 01  
REFERENCE FIGURE 5

ITEM NO.	NOMENCLATURE	FSN/PN	ACTION CODE	MAINT. LEVEL	MEAN	MEDIAN	MODE	STD. DEV.	SAMPLE SIZE
1	Sleeve Spacer	53405419955	Replace	Total Org. Supp.	1.1 0.8 1.8	1.0 0.5 2.0	0.5 0.5 2.0	0.637 0.394 0.503	11 7 4
2	Plate	15601337476	Replace	Total Org. Supp.	0.9 0.9 *	1.0 1.0 *	1.0 1.0 *	0.363 0.363 *	20 20 *
3	Crew Door Assy	15601264423 15601264424 15601345205	Replace	Total Org. Supp.	1.8 1.4 3.2	1.0 1.0 3.0	1.0 1.0 5.0	1.472 1.135 1.673	91 71 20
			Adjust	Total Org. Supp.	0.7 0.7 *	0.5 0.5 *	0.5 0.3 *	0.421 0.444 *	9 8 *
			Repair	Total Org. Supp.	2.1 1.0 2.6	1.5 1.0 2.0	1.0 1.0 1.0	1.469 0.561 1.480	87 29 57
			Service	Total Org. Supp.	0.7 0.7 *	0.5 0.5 *	0.5 0.5 *	0.437 0.437 *	16 16 *
			Remove and Install	Total Org. Supp.	0.7 0.6 1.1	0.5 0.5 1.0	0.5 0.5 0.5	0.466 0.413 0.544	154 129 25
			Remove	Total Org. Supp.	0.6 0.5 *	0.5 0.5 *	0.5 0.5 *	0.384 0.252 *	28 26 *
			Install	Total Org. Supp.	1.0 0.7 *	0.5 0.5 *	1.0 1.0 *	1.174 0.412 *	30 26 *

\*Insufficient Data

# OH-53A FLAT RATE DATA

## FUNCTIONAL GROUP 01

### REFERENCE FIGURE 5

ITEM NO.	NOMENCLATURE	FSN/PN	ACTION CODE	MAINT. LEVEL	MEAN	MEDIAN	MODE	STL. DEV.	SAMPLE SIZE
4	Spring	53601760924	Replace	Total	1.2	1.0	1.0	0.687	82
				Org.	1.1	1.0	1.0	0.670	68
				Supp.	1.5	1.0	1.0	0.721	14
5	Window	15601264422	Replace	Total	5.1	4.5	6.0	3.079	62
				Org.	4.2	4.0	4.0	2.237	25
				Supp.	5.3	5.0	5.0	3.138	41
6	Hinge	53401331249	Replace	Total	1.8	1.5	1.5	1.079	22
				Org.	1.2	1.0	1.5	0.530	8
				Supp.	2.0	1.5	1.5	1.080	13
7	Adapter	15601760972	Replace	Total	1.4	1.0	1.0	0.951	48
				Org.	1.2	1.0	0.5	0.845	36
				Supp.	1.7	1.0	1.0	0.905	11
				Total					
				Org.					
				Supp.					
				Total					
				Org.					
				Supp.					
				Total					
				Org.					
				Supp.					
				Total					
				Org.					
				Supp.					

\*Insufficient Data





## OH-53A FLAT RATE DATA

## FUNCTIONAL GROUP 01

## REFERENCE FIGURE 6

ITEM NO.	NOMENCLATURE	FSN/PN	ACTION CODE	MAINT. LEVEL	MEAN	MEDIAN	MODE	STD. DEV.	SAMPLE SIZE
1	Passenger Door Assy	15601296207 15601814152	Replace	Total	2.4	1.0	1.0	2.505	122
				Org.	1.5	1.0	1.0	1.198	92
				Supp.	4.8	5.0	5.0	3.104	27
			Repair	Total	2.4	2.0	1.0	1.719	82
				Org.	1.0	1.0	0.5	0.736	22
				Supp.	2.8	3.0	1.0	1.706	59
2	Spacer	16801287396 53651806981	Remove and Install	Total	0.9	1.0	1.0	0.564	54
				Org.	0.6	0.5	1.0	0.357	33
				Supp.	1.3	1.1	1.0	0.577	21
			Remove	Total	1.0	0.5	2.0	0.813	9
				Org.	0.7	0.5	0.5	0.651	7
				Supp.	*	*	*	*	*
3	Window	15601281707 15601324985	Install	Total	0.9	0.5	0.5	0.962	9
				Org.	0.5	0.5	0.5	0.289	7
				Supp.	*	*	*	*	*
			Replace	Total	0.7	0.5	0.5	0.274	5
				Org.	0.6	0.5	0.5	0.252	4
				Supp.	*	*	*	*	*
4	Hinge	53401306010 53401312045 53401312046	Replace	Total	5.1	5.0	4.0	2.710	40
				Org.	*	*	*	*	*
				Supp.	5.5	5.0	4.0	2.668	29
			Repair	Total	1.6	2.0	2.0	0.853	7
				Org.	1.5	2.0	2.0	0.707	5
				Supp.	*	*	*	*	*
5			Replace	Total	1.5	1.0	1.0	0.694	23
				Org.	*	*	*	*	*
				Supp.	1.6	1.0	1.0	0.725	20

\*Insufficient Data

OH-53A FLAT RATE DATA  
FUNCTIONAL GROUP 01  
REFERENCE FIGURE 6

ITEM NO.	NOMENCLATURE	FSN/PN	ACTION CODE	MAINT. LEVEL	MEAN	MEDIAN	MODE	STD. DEV.	SAMPLE SIZE
	Hinge (Cont'd)		Repair	Total Org. Supp.	1.5 * 1.5	1.0 * 1.0	1.0 * 1.0	0.632 * 0.707	6 * 5
5	Escutcheon Assy	53403350033	Replace	Total Org. Supp.	0.8 0.8 *	0.5 0.5 *	0.5 0.5 *	0.501 0.501 *	9 9 *
6	Handle	53401380436 53402518729	Replace	Total Org. Supp.	1.2 1.2 *	1.0 1.0 *	1.0 1.0 *	0.649 0.647 *	70 66 *
			Repair	Total Org. Supp.	0.8 0.8 *	1.0 0.5 *	1.0 1.0 *	0.274 0.294 *	5 4 *
				Total Org. Supp.					
				Total Org. Supp.					
				Total Org. Supp.					
				Total Org. Supp.					

\*Insufficient Data

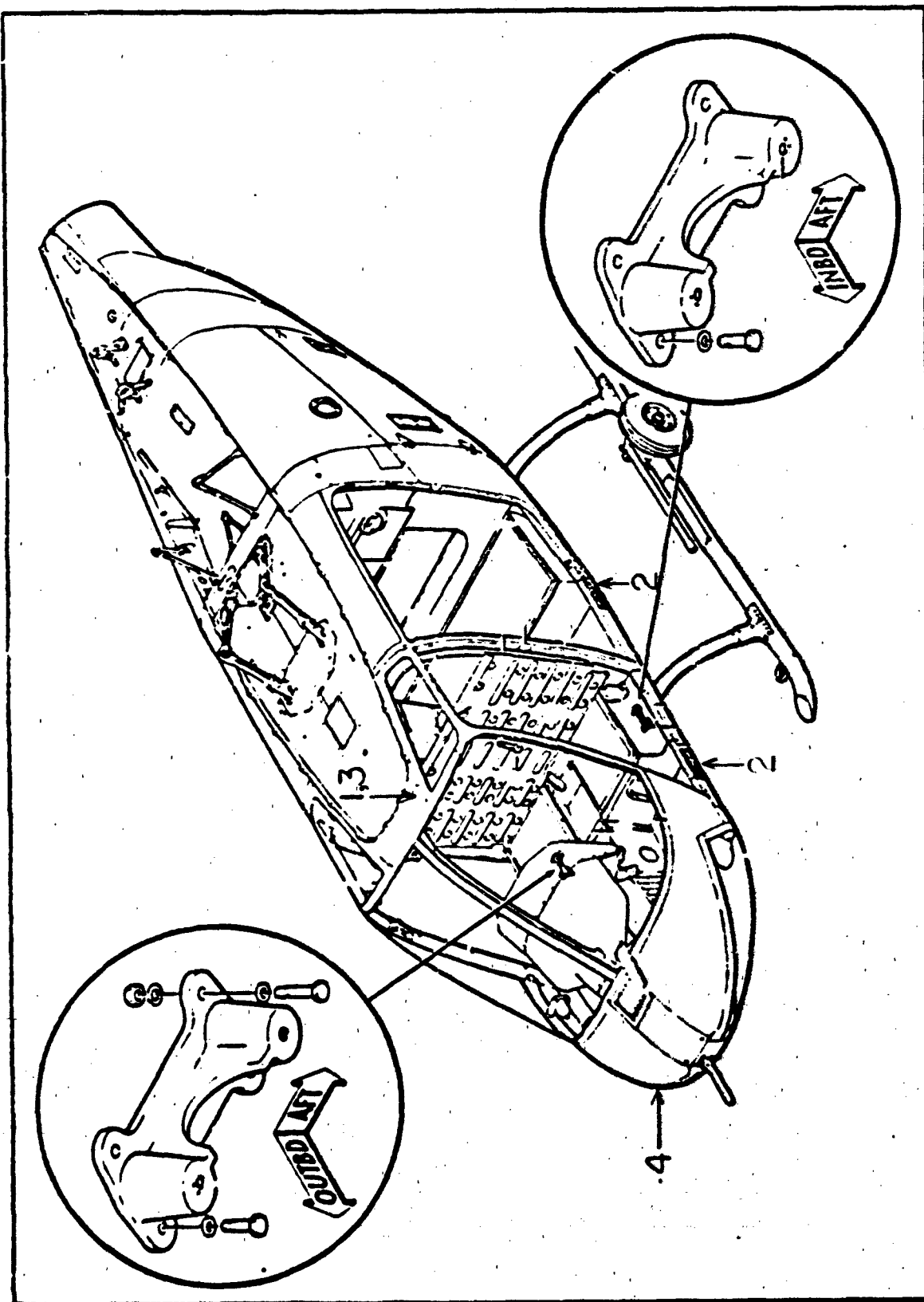


Figure 7 Fuselage Structure Assembly

OH-53A FLAT RATE DATA  
FUNCTIONAL GROUP 01  
REFERENCE FIGURE 7

ITEM NO.	NOMENCLATURE	FSN/PN	ACTION CODE	MAINT. LEVEL	MEAN	MEDIAN	MODE	STD. DEV.	SAMPLE SIZE
1	Window	15601685601 15601685597	Replace	Total	1.4	1.0	1.0	0.869	18
				Org.	1.1	1.0	1.0	0.678	13
				Supp.	*	*	*	*	*
			Repair	Total	1.7	1.0	1.0	1.194	47
				Org.	1.8	1.0	0.5	1.292	32
				Supp.	*	*	*	*	*
			Service	Total	1.1	1.0	1.0	0.454	339
				Org.	1.1	1.0	1.0	0.456	334
				Supp.	*	*	*	*	*
2	Scuff Plate	15601685392 15601685393 15601685394 15601685395	Repair	Total	1.7	2.0	2.0	1.063	17
				Org.	*	*	*	*	*
				Supp.	1.9	2.0	2.0	1.061	15
				Total					
				Org.					
				Supp.					
3	Sightlight Retainer	15601685598 15601685600 15605223879	Replace	Total	1.1	1.0	1.0	0.248	7
				Org.	1.0	1.0	1.0	0.000	4
				Supp.	*	*	*	*	*
4	Nose Installation	2060320051 2060320053 2060320055	Repair	Total	2.1	1.5	1.0	1.253	17
				Org.	1.1	1.0	1.0	0.548	5
				Supp.	1.8	1.5	1.0	0.884	8
				Total					
				Org.					
				Supp.					
				Total					
				Org.					
				Supp.					

\*Insufficient Data

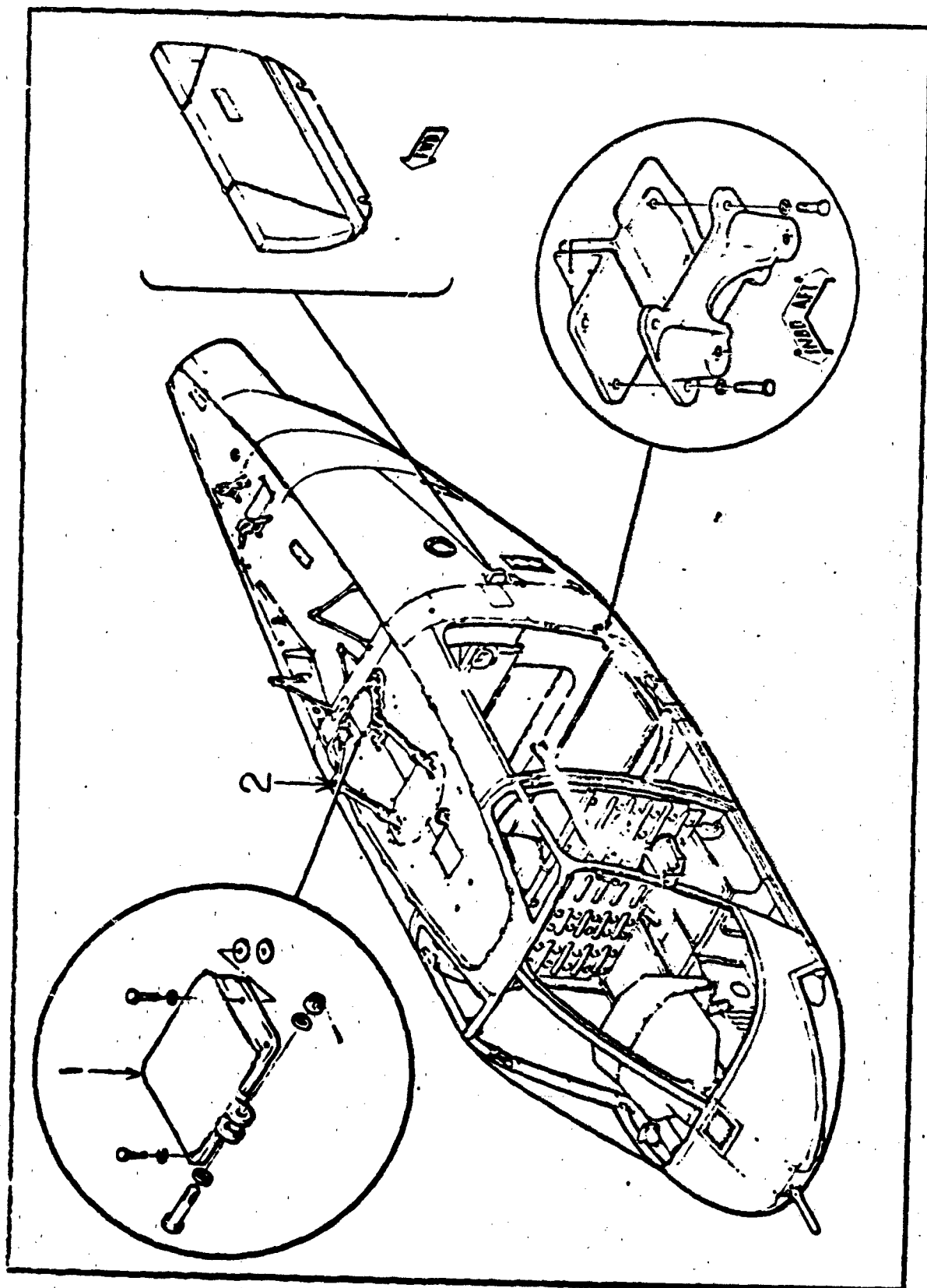


Figure 8 Fuselage Structure Assembly

## REFERENCE FIGURE 8

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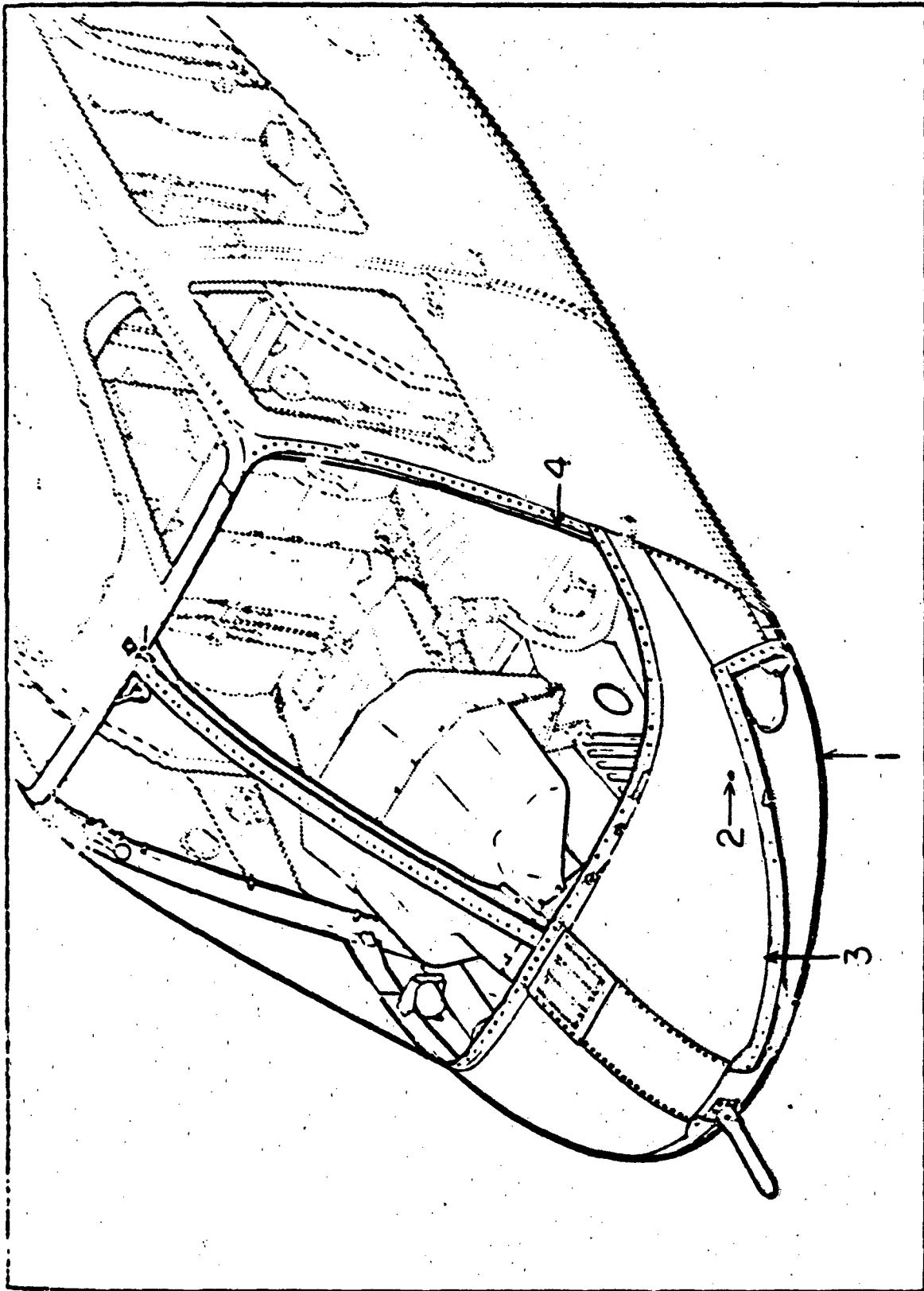


Figure 2 Nose Installation



OH-53A FLAT RATE DATA  
FUNCTIONAL GROUP 01  
REFERENCE FIGURE 9

ITEM NO.	NOMENCLATURE	FSN/PN	ACTION CODE	MAINT. LEVEL	MEAN	MEDIAN	MODE	STD. DEV.	SAMPLE SIZE
1	Window	15601281713 15601281714	Replace	Total	5.9	6.0	4.0	2.674	21
				Org.	*	*	*	*	*
				Supp.	6.1	6.0	6.0	2.722	16
2	Plug Button	53401343354 53402055253	Replace	Total	0.8	0.5	0.5	0.602	41
				Org.	0.7	0.5	0.5	0.516	34
				Supp.	1.3	1.0	1.0	0.756	7
3	Skin Assy	15601275703	Repair	Total	2.5	2.0	2.0	1.596	39
				Org.	2.7	2.0	1.5	1.586	11
				Supp.	2.5	2.0	2.0	1.627	28
			Final Inspection	Total	0.3	0.3	0.3	0.122	5
				Org.	*	*	*	*	*
4	Windshield Assy	15601273181	Replace	Supp.	0.3	0.3	0.3	0.122	5
				Total	7.0	7.5	8.0	3.305	31
				Org.	6.5	8.0	8.0	3.533	14
			Repair	Supp.	8.1	7.5	7.5	1.315	12
				Total	1.2	1.0	0.5	0.719	25
				Org.	0.9	0.5	0.5	0.553	16
				Supp.	1.7	1.5	2.5	0.712	9
			Service	Total	1.3	1.0	1.0	0.954	48
				Org.	1.2	1.0	1.0	0.938	39
				Supp.	1.0	1.0	1.0	0.421	8
				Total					
				Org.					
				Supp.					
				Total					
				Org.					
				Supp.					

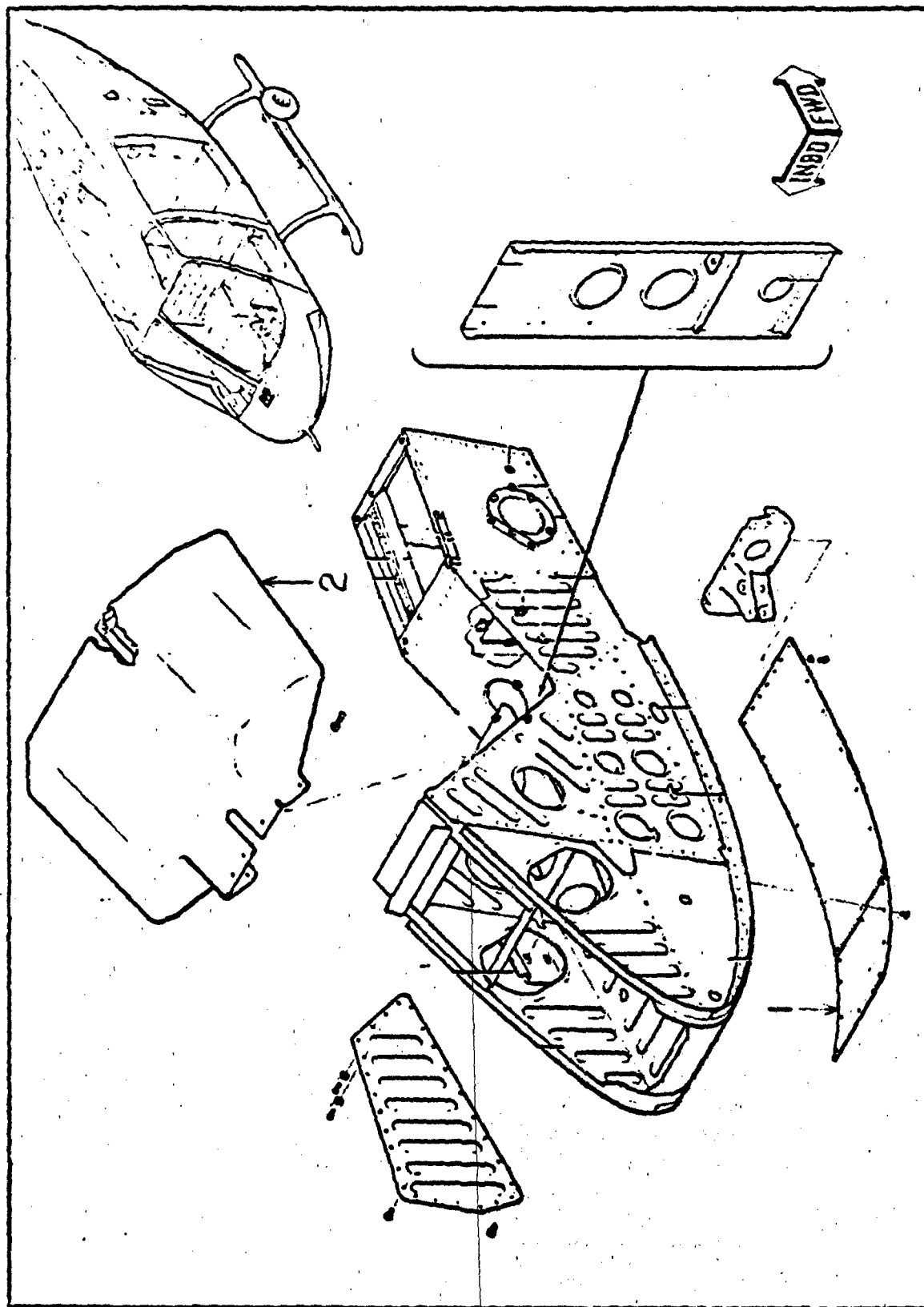


Figure 10 Console Installation

## OH-53A FLAT RATE DATA

# FUNCTIONAL GROUP 01

## REFERENCE FIGURE 10

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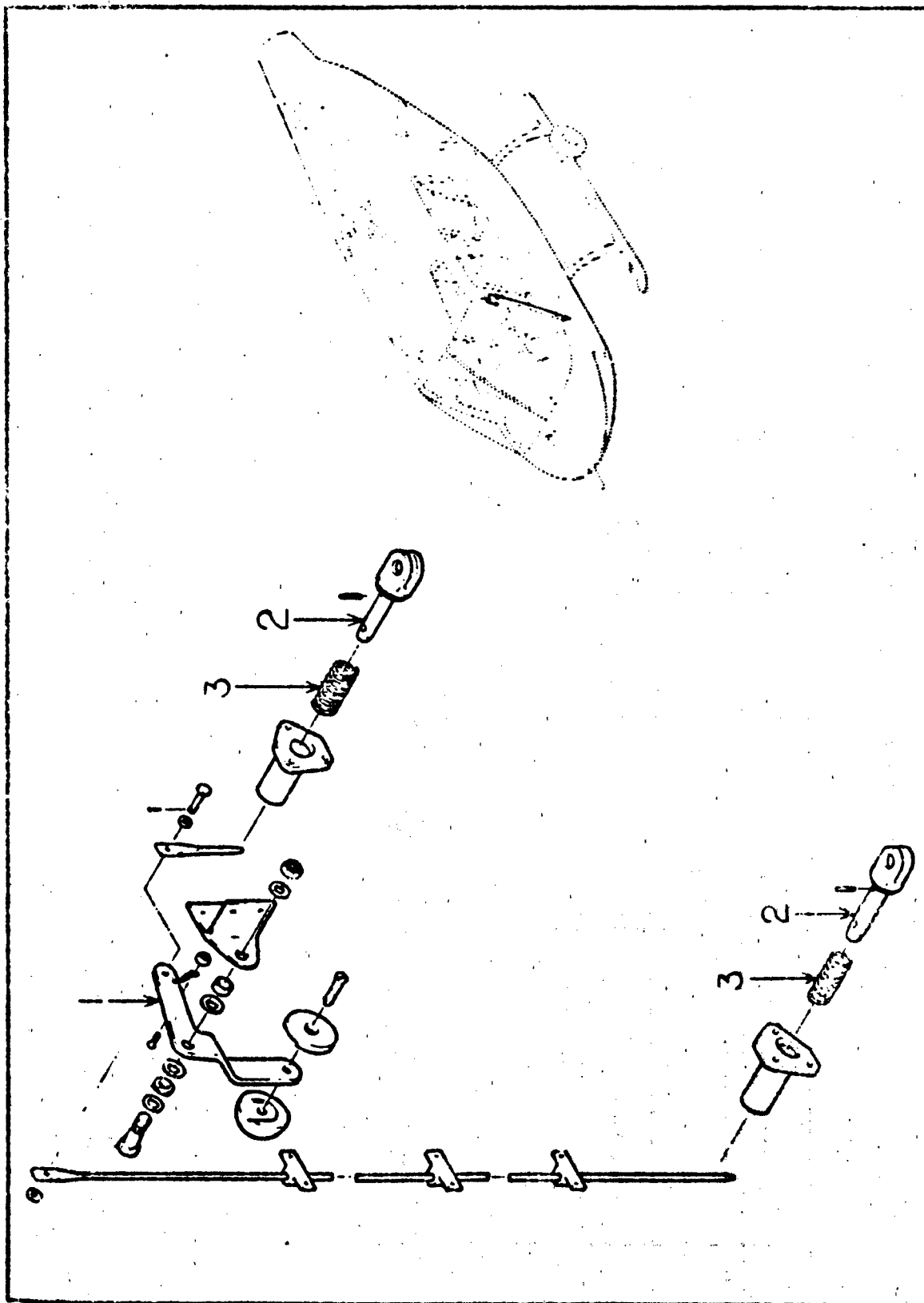


Figure 1- Crew Door Jettison Installation

OH-53A FLAT RATE DATA  
FUNCTIONAL GROUP 01  
REFERENCE FIGURE 11

ITEM NO.	NOMENCLATURE	FSN/PN	ACTION CODE	MAINT. LEVEL	MEAN	MEDIAN	MODE	STD. DEV.	SAMPLE SIZE
1	Door Handle	16802288903	Replace	Total	0.9	1.0	1.0	0.471	18
				Org.	0.9	1.0	0.5	0.485	17
				Supp.	*	*	*	*	*
			Adjust	Total	1.1	1.0	1.0	0.478	7
				Org.	1.3	1.0	1.0	0.422	6
				Supp.	*	*	*	*	*
			Repair	Total	1.3	1.0	1.0	0.843	35
				Org.	1.3	1.0	1.0	0.881	29
				Supp.	*	*	*	*	*
			Service	Total	1.0	1.0	1.0	0.370	23
Org.	0.9	1.0		1.0	0.466	13			
Supp.	1.0	1.0		1.0	0.166	10			
2	Hinge Half Assy	53401343841 53401760447	Remove and Install	Total	0.9	1.0	1.0	0.535	7
				Org.	0.9	1.0	1.0	0.535	7
				Supp.	*	*	*	*	*
			Install	Total	1.1	0.5	2.0	0.897	7
				Org.	1.2	0.5	2.0	0.937	6
				Supp.	*	*	*	*	*
			Replace	Total	1.5	1.0	1.0	1.059	19
				Org.	0.9	1.0	1.0	0.406	14
				Supp.	3.0	3.0	3.0	0.707	5
			Replace	Total	1.4	1.0	1.0	1.360	16
Org.	1.1	0.5		0.5	1.038	12			
Supp.	*	*		*	*	*			
			Total						
			Org.						
			Supp.						

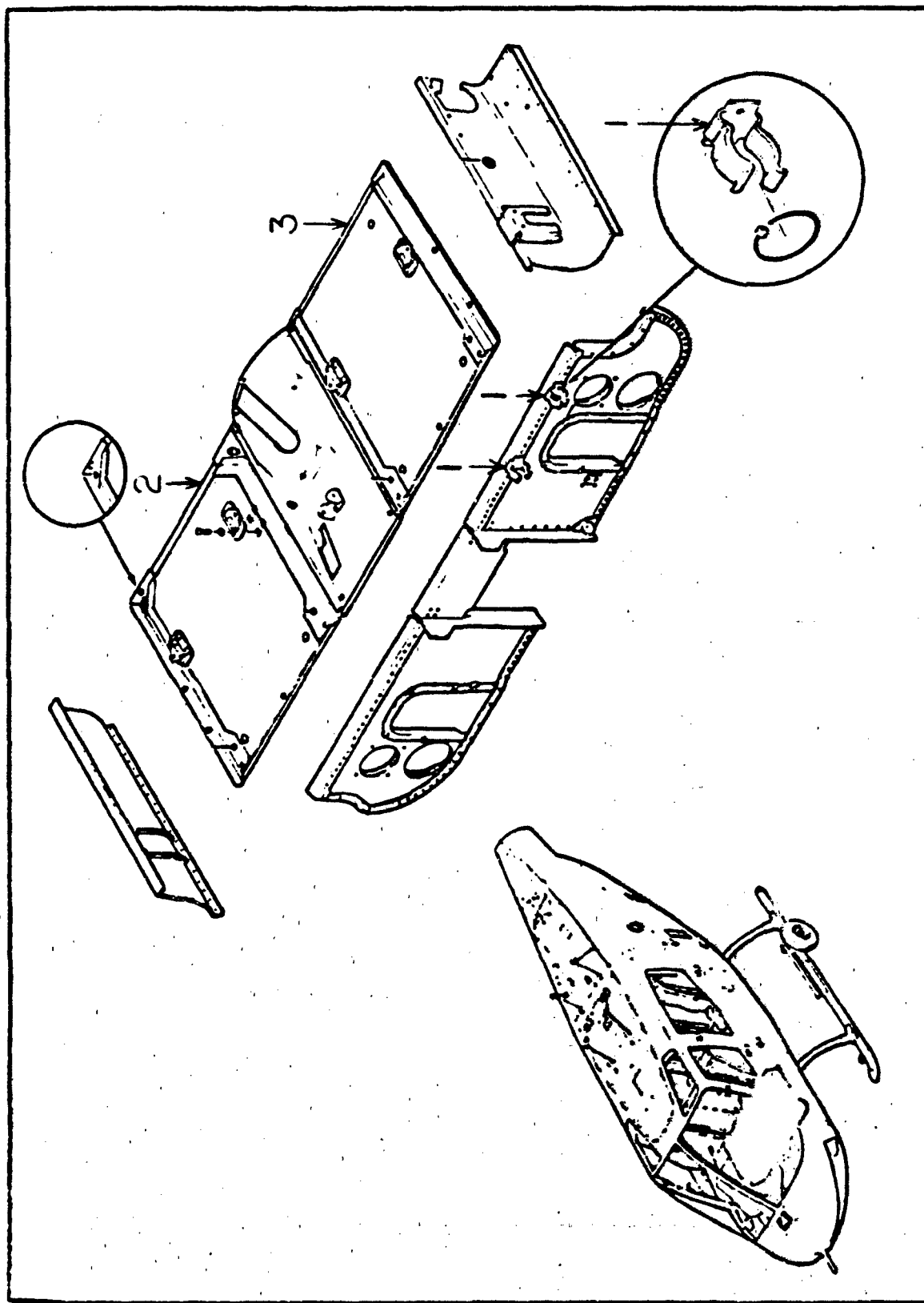


Figure 12 Console Cover and Bulkhead Installation Seat

OH-53A FLAT RATE DATA  
FUNCTIONAL GROUP 01  
REFERENCE FIGURE 12

ITEM NO.	NOMENCLATURE	FSN/PN	ACTION CODE	MAINT. LEVEL	MEAN	MEDIAN	MODE	STD. DEV.	SAMPLE SIZE
1	Clip	53401760922	Replace	Total	2.3	2.0	3.0	1.174	14
				Org.	2.6	3.0	4.0	1.193	9
				Supp.	1.6	1.0	1.0	0.894	5
2	Pilot Panel Assy	15601610435	Replace	Total	1.2	1.0	1.0	0.261	6
				Org.	1.2	1.0	1.0	0.261	6
				Supp.	*	*	*	*	*
3	Co-Pilot Panel Assy	15601281722	Remove and Install	Total	1.1	0.8	0.5	0.819	12
				Org.	1.0	0.5	0.5	0.707	8
				Supp.	*	*	*	*	*
			Remove and Install	Total	1.0	0.9	0.5	0.639	9
				Org.	1.1	0.5	0.5	0.733	7
				Supp.	*	*	*	*	*
				Total					
				Org.					
				Supp.					
				Total					
				Org.					
				Supp.					
				Total					
				Org.					
				Supp.					
				Total					
				Org.					
				Supp.					

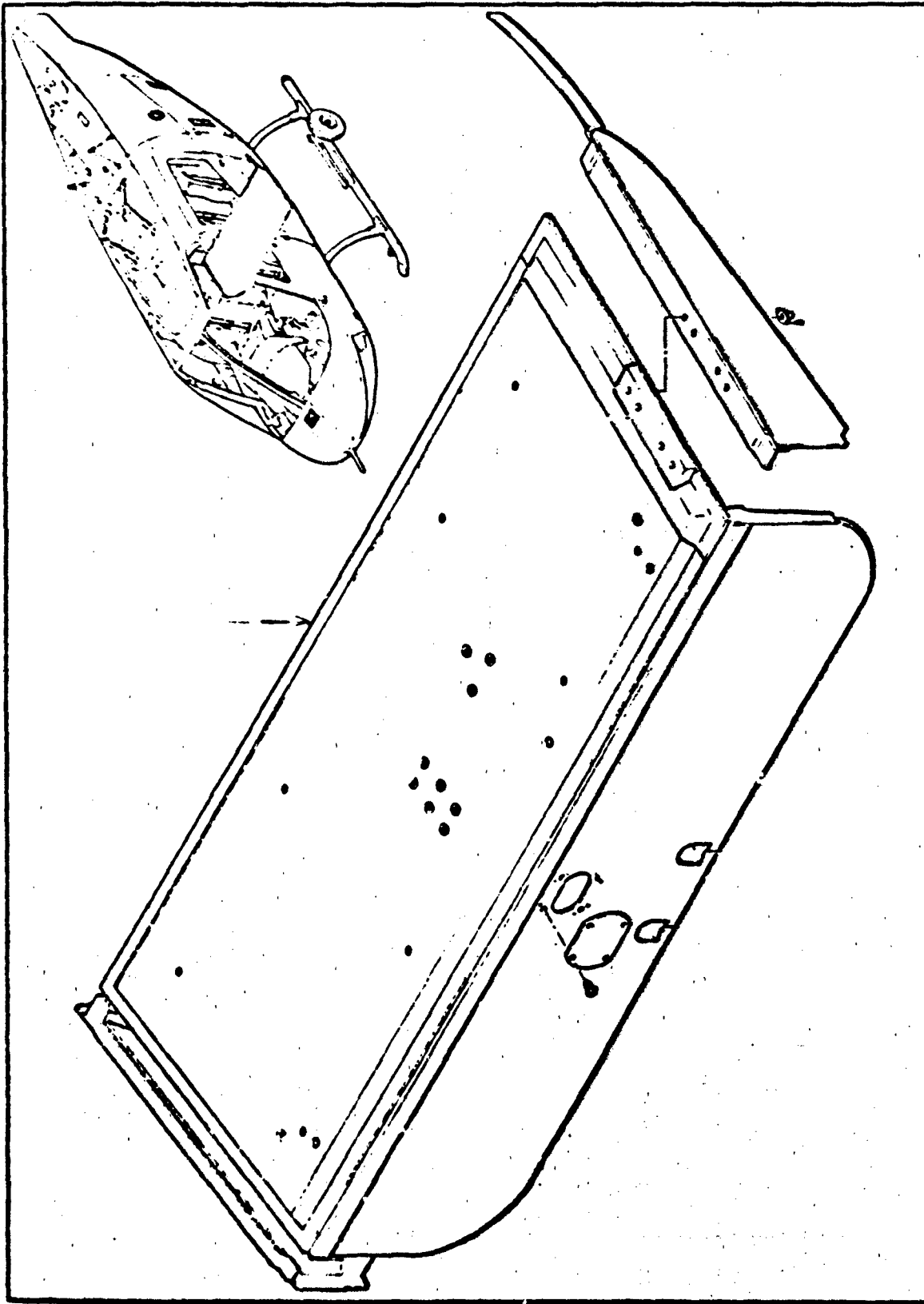


Figure 23 Passenger Seat Panel Installation



OH-53A FLAT RATE DATA  
FUNCTIONAL GROUP 01  
REFERENCE FIGURE 13

ITEM NO.	DESCRIPTION	FSN/PN	ACTION CODE	MAINT. LEVEL	MEAN	MEDIAN	MODE	STD. DEV.	SAMPLE SIZE
1	Panel Assy	15601248072 15601269219 15601523462 15601523463	Repair	Total	2.1	2.0	1.0	1.197	17
				Org.	*	*	*	*	*
				Supp.	2.1	2.0	1.0	1.197	17
				Total					
				Org.					
				Supp.					
				Total					
				Org.					
				Supp.					
				Total					
				Org.					
				Supp.					

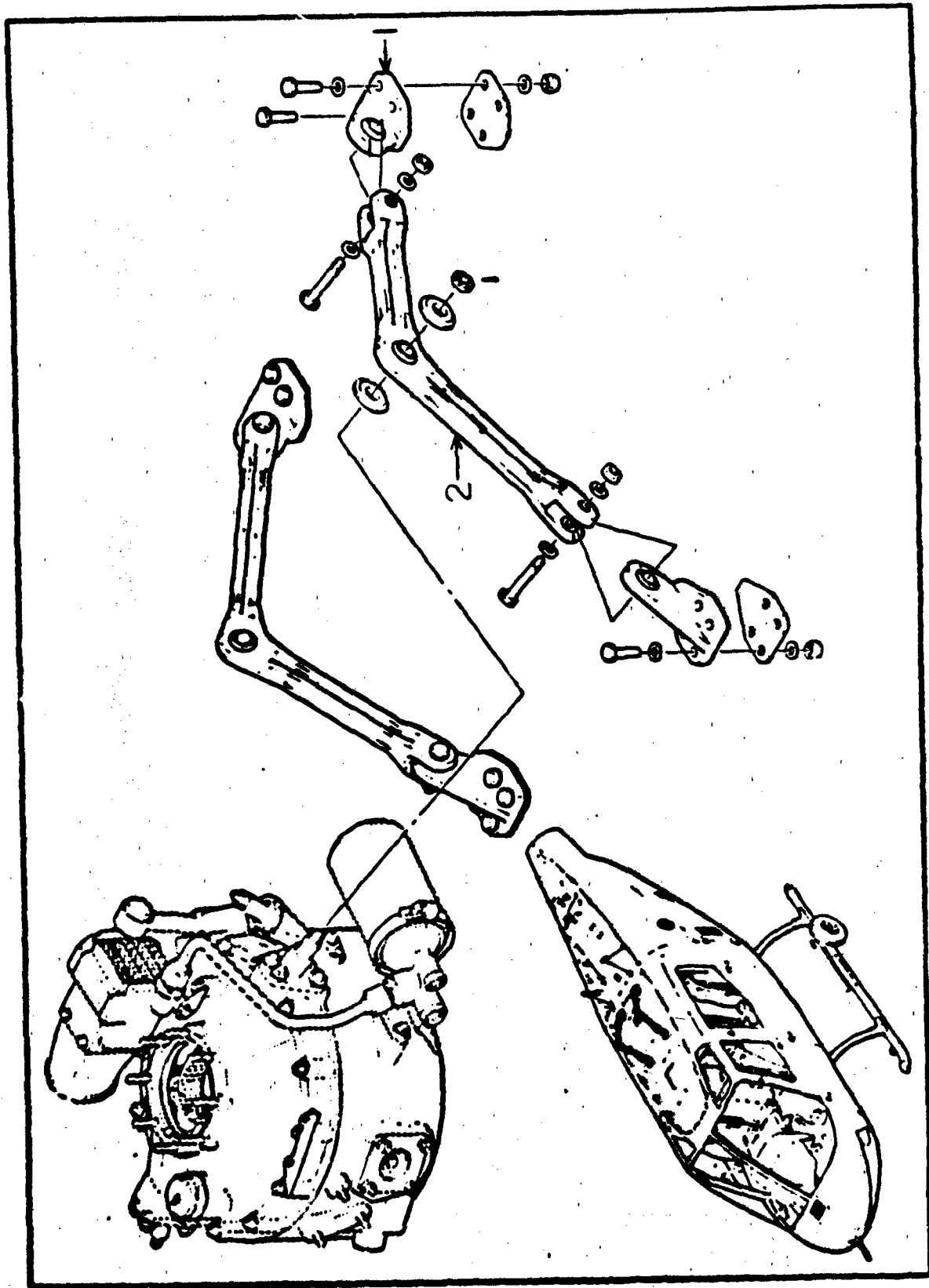


Figure 1- Pylon Support Installation

## OH-58A FLAT RATE DATA

## FUNCTIONAL GROUP 01

## REFERENCE FIGURE 14

ITEM NO.	NOMENCLATURE	FSN/PI	ACTION CODE	MAINT. LEVEL	MEAN	MEDIAN	MODE	STD. DEV.	SAMPLE SIZE
1	Fitting Assy	15601269158 15601269159 15601269162 15601269168	Replace	Total	1.8	1.0	1.0	1.116	15
				Org.	1.6	1.0	2.0	0.918	6
				Supp.	1.9	1.0	1.0	1.269	9
				Total Org. Supp.					
2	Link Assy	15601269180	Replace	Total	4.6	4.0	8.0	3.284	64
				Org.	3.9	3.0	8.0	2.822	21
				Supp.	4.9	4.0	8.0	3.479	43
			Remove and Install	Total	4.1	4.5	5.0	2.969	24
				Org.	*	*	*	*	*
				Supp.	3.9	5.0	5.0	3.003	19
			Remove	Total	2.3	2.0	2.0	0.480	13
				Org.	*	*	*	*	*
			Install	Supp.	2.3	2.0	2.0	0.480	13
				Total	2.0	2.0	2.0	0.000	9
				Org.	*	*	*	*	*
				Supp.	2.0	2.0	2.0	0.000	9
				Total					
				Org.					
				Supp.					
				Total					

\*Insufficient Data

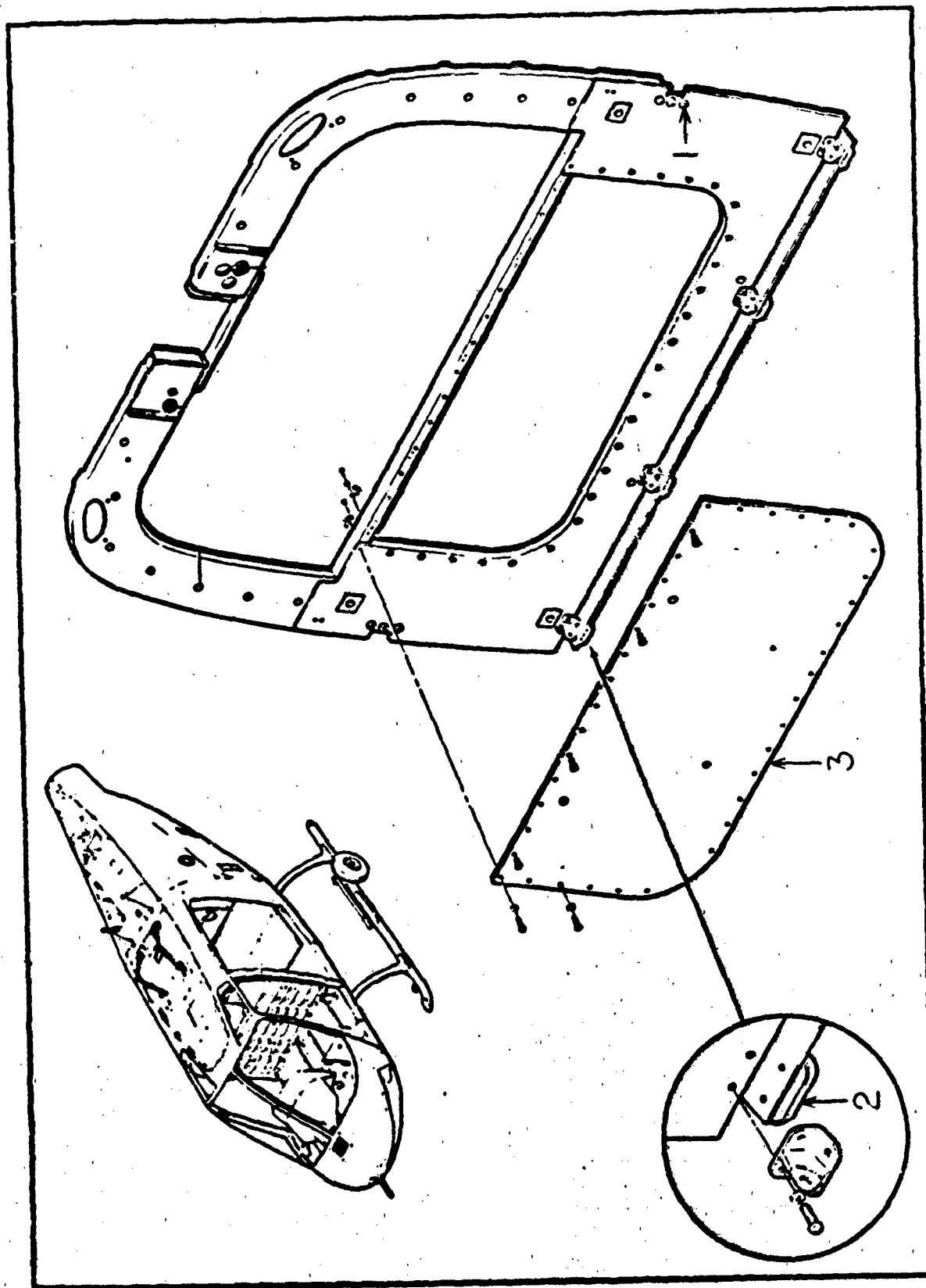


Figure 15 Bulkhead Installation

# OH-53A FLAT RATE DATA

## FUNCTIONAL GROUP 01

### REFERENCE FIGURE 15

ITEM NO.	NOMENCLATURE	FSN/PN	ACTION CODE	MAINT. LEVEL	MEAN	MEDIAN	MODE	STD. DEV.	SAMPLE SIZE
1	Plug	53257013656	Replace	Total	0.8	1.0	1.0	0.274	5
				Org.	0.8	1.0	1.0	0.292	3
				Supp.	0.8	0.5	1.0	0.361	2
			Repair	Total	0.9	0.5	0.5	0.652	5
				Org.	*	*	*	*	*
				Supp.	0.9	0.5	0.5	0.652	5
2	Cover	15601264439	Replace	Total	0.8	1.0	1.0	0.382	11
				Org.	0.8	1.0	1.0	0.382	11
				Supp.	*	*	*	*	*
			Repair	Total	0.9	0.5	0.5	0.518	6
				Org.	*	*	*	*	*
				Supp.	0.6	0.5	0.5	0.252	4
			Remove and Install	Total	0.6	0.5	0.5	0.479	34
				Org.	0.4	0.5	0.5	0.168	24
				Supp.	1.1	0.7	2.0	0.645	10
3	Panel Cover Assy	15601685770	Remove and Install	Total	0.9	1.0	1.0	0.494	12
				Org.	0.7	0.5	1.0	0.295	8
				Supp.	*	*	*	*	*
				Total					
				Org.					
				Supp.					
				Total					
				Org.					
				Supp.					

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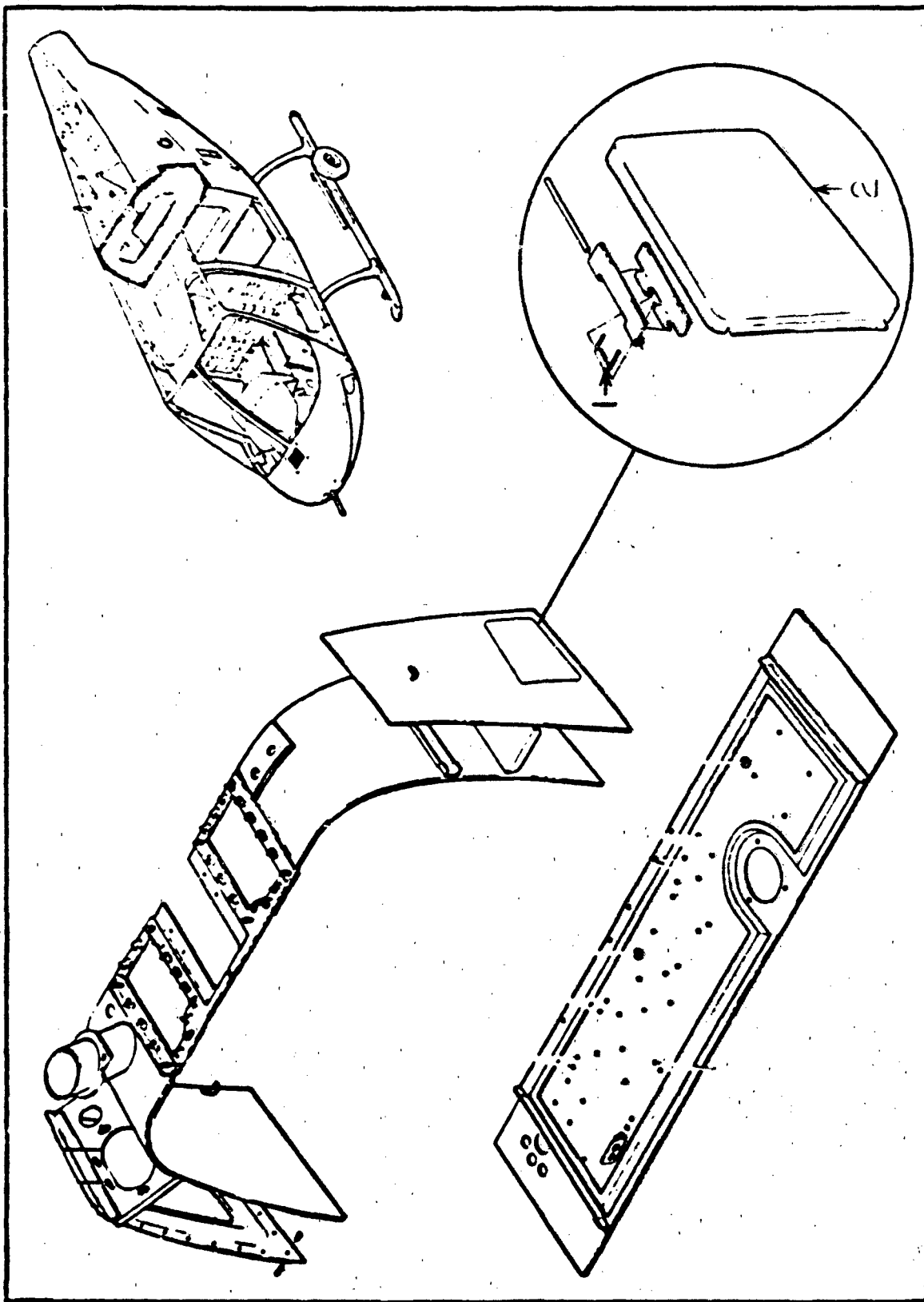


Figure 1-5 Aft Cabin Closure Installation

OH-53A FLAT RATE DATA  
FUNCTIONAL GROUP 01  
REFERENCE FIGURE 16

ITEM NO.	NOMENCLATURE	FSN/PN	ACTION CODE	MAINT. LEVEL	MEAN	MEDIAN	MODE	STD. DEV.	SAMPLE SIZE
1	Spring	53601919410	Replace	Total Org. Supp.	0.9 1.0 0.9	1.0 1.0 1.0	1.0 1.0 1.0	0.173 0.000 0.224	9 4 5
2	Door Assy	15601269152 15601269150	Remove and Install	Total Org. Supp.	0.8 0.7 *	0.5 0.5 *	1.0 1.0 *	0.460 0.444 *	19 17 *
				Total Org. Supp.					
				Total Org. Supp.					
				Total Org. Supp.					
				Total Org. Supp.					
				Total Org. Supp.					
				Total Org. Supp.					
				Total Org. Supp.					
				Total Org. Supp.					

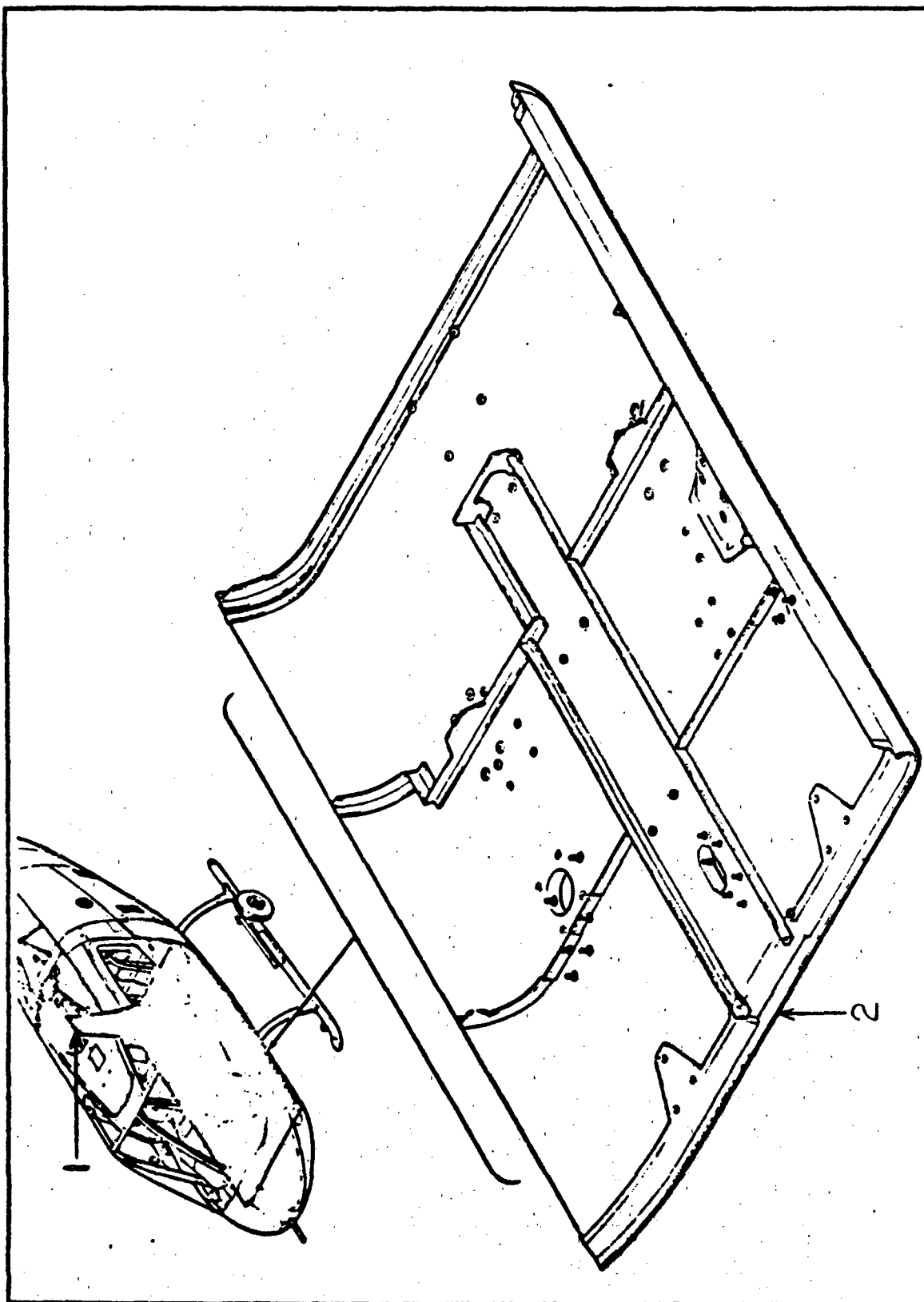


Figure 2 Lower Cabin Shell Assembly



OH-53A FLAT RATE DATA  
FUNCTIONAL GROUP 01  
REFERENCE FIGURE 17

ITEM NO.	NOMENCLATURE	FSN/PN	ACTION CODE	MAINT. LEVEL	MEAN	MEDIAN	MODE	STD. DEV.	SAMPLE SIZE
1	Aft Shell Assy	15601761129 15604781764	Repair	Total	2.6	2.0	2.0	1.410	48
				Org.	*	*	*	*	*
				Supp.	2.6	2.0	2.0	1.442	45
2	Forward Shell Assy	15601264435	Repair	Total	2.3	2.0	2.0	1.592	80
				Org.	1.5	1.0	1.0	0.931	18
				Supp.	2.6	2.0	2.0	1.664	62
			Service	Total	0.8	0.6	0.5	0.492	16
				Org.	0.8	0.6	0.5	0.402	14
				Supp.	*	*	*	*	*
			Final Inspection	Total	0.3	0.3	0.5	0.180	5
				Org.	*	*	*	*	*
				Supp.	0.3	0.3	0.5	0.180	5
				Total					
				Org.					
				Supp.					
				Total					
				Org.					
				Supp.					
				Total					
				Org.					
				Supp.					
				Total					
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				Supp.					

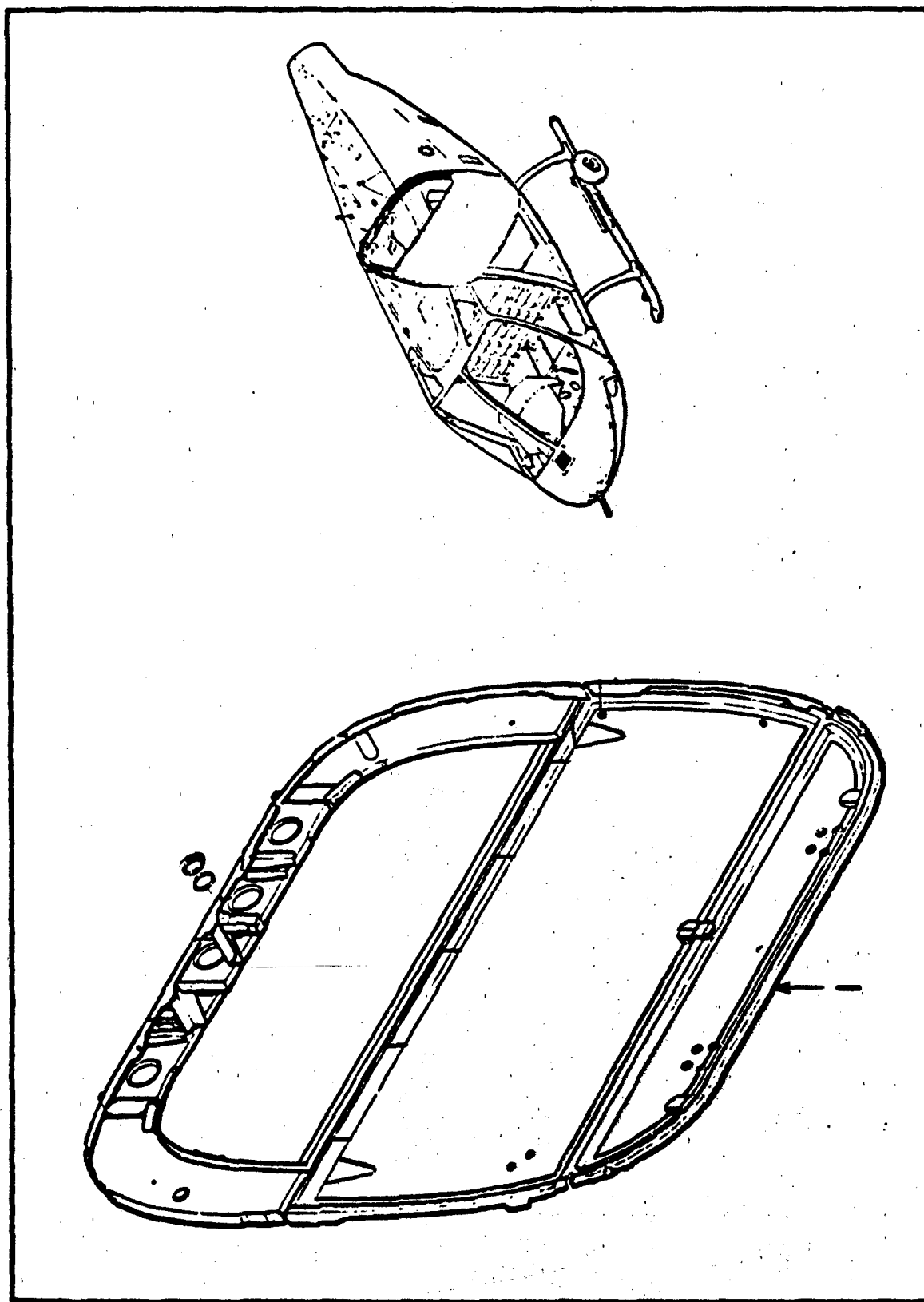


Figure 23 Bulkhead Installation

OH-53A FLAT RATE DATA  
FUNCTIONAL GROUP 01  
REFERENCE FIGURE 18

ITEM NO.	NOMENCLATURE	FSN/PN	ACTION CODE	MAINT. LEVEL	MEAN	MEDIAN	MODE	STD. DEV.	SAMPLE SIZE
1	Panel Assy	15604590105	Repair	Total	1.3	1.0	1.0	0.761	21
				Org.	1.2	1.0	1.0	0.834	9
				Supp.	1.4	1.0	1.0	0.732	12
			Service	Total	0.8	0.5	1.0	0.272	8
				Org.	0.8	0.5	1.0	0.272	8
				Supp.	*	*	*	*	*
			Remove and Install	Total	1.4	1.0	1.0	0.928	108
				Org.	1.3	1.0	1.0	0.874	86
				Supp.	1.8	2.0	2.0	1.016	22
			Remove	Total	0.9	1.0	1.0	0.418	5
				Org.	0.8	0.5	0.5	0.579	3
				Supp.	1.0	1.0	1.0	0.000	2
				Total					
				Org.					
				Supp.					
				Total					
				Org.					
				Supp.					
				Total					
				Org.					
				Supp.					
				Total					
				Org.					
				Supp.					

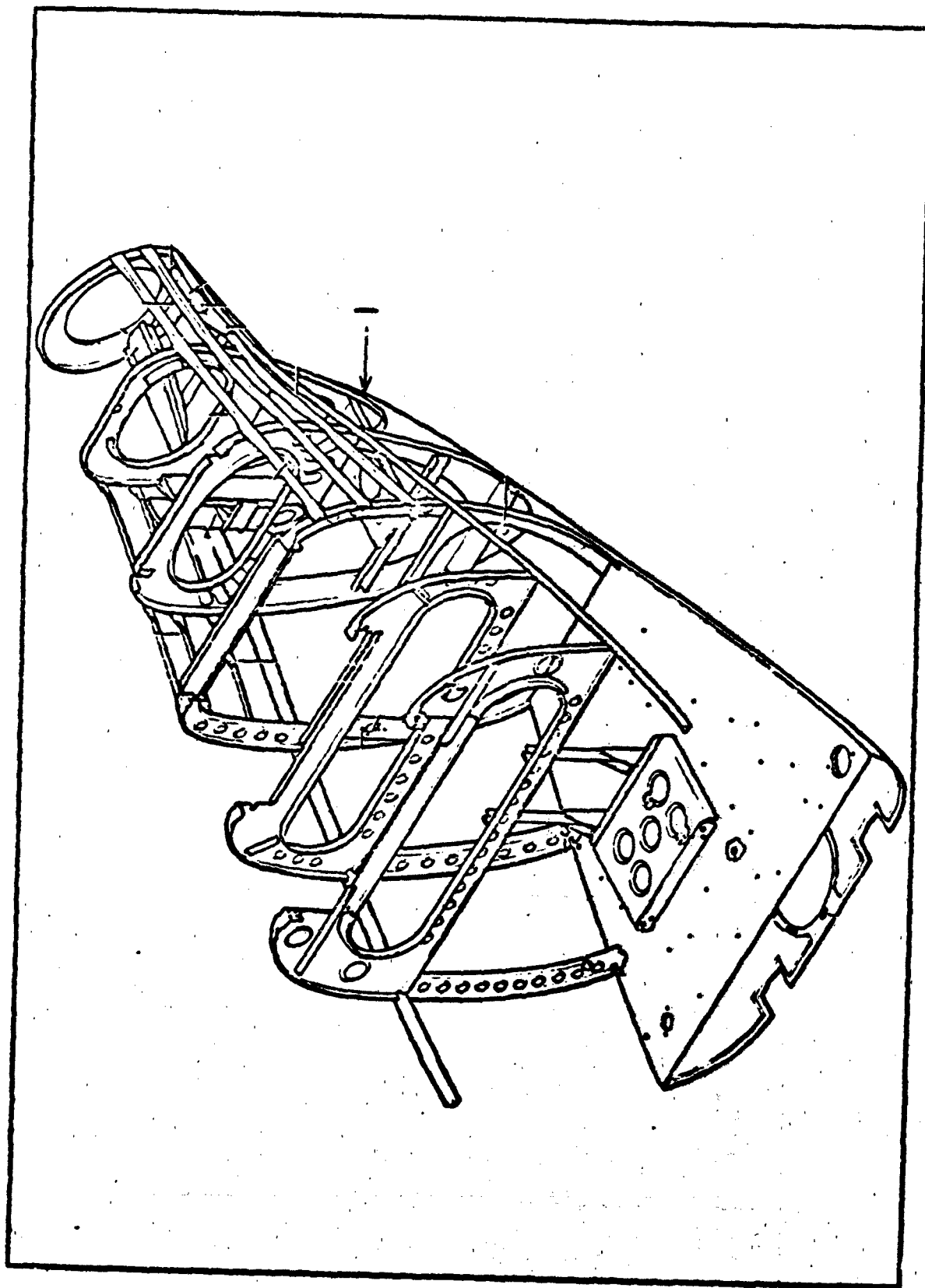


Figure 29 Aft Fuselage Installation

## REFERENCE FIGURE 19

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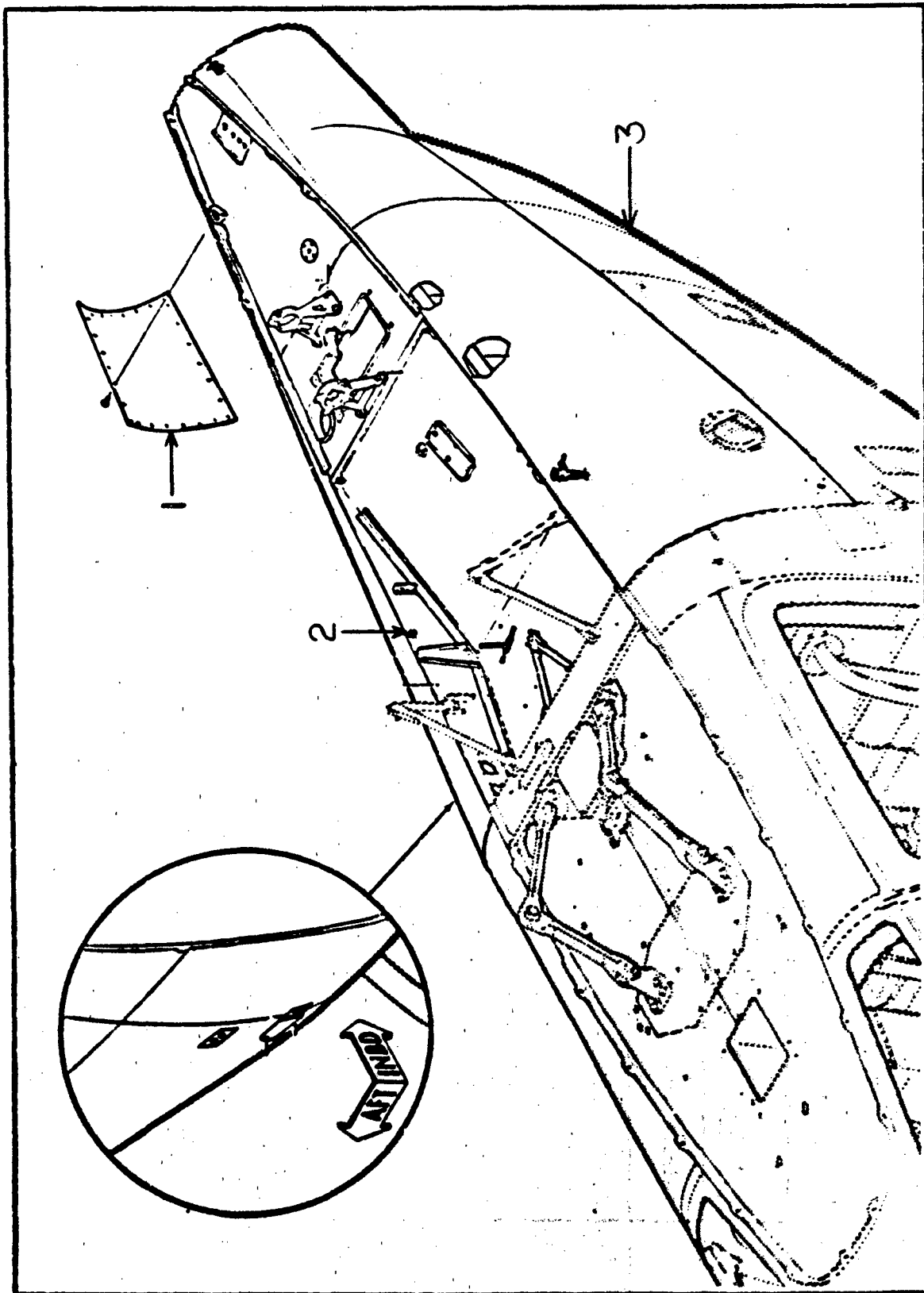


Figure 20 Aft Fuselage Installation

OH-59A FLAT RATE DATA  
FUNCTIONAL GROUP 01  
REFERENCE FIGURE 20

ITEM NO.	NOMENCLATURE	PSN/PN	ACTION CODE	MAINT. LEVEL	MEAN	MEDIAN	MODE	STD. DEV.	SAMPLE SIZE
1	Access Cover	15601281716	Remove and Install	Total Org. Supp.	0.8 0.7 1.2	0.5 0.5 1.0	0.5 0.5 1.0	0.560 0.482 0.612	56 40 16
2	Spring Clip	53409593041	Replace	Total Org. Supp.	1.8 1.5 2.3	1.5 1.0 2.0	1.0 1.0 2.0	1.102 0.895 1.184	121 72 49
3	Fuselage Assy	15600970107	Repair	Total Org. Supp.	4.0 * 3.8	3.2 * 3.2	2.0 * 2.0	2.517 * 2.209	58 * 41
				Total Org. Supp.					
				Total Org. Supp.					
				Total Org. Supp.					
				Total Org. Supp.					
				Total Org. Supp.					
				Total Org. Supp.					
				Total Org. Supp.					
				Total Org. Supp.					

Insufficient Data

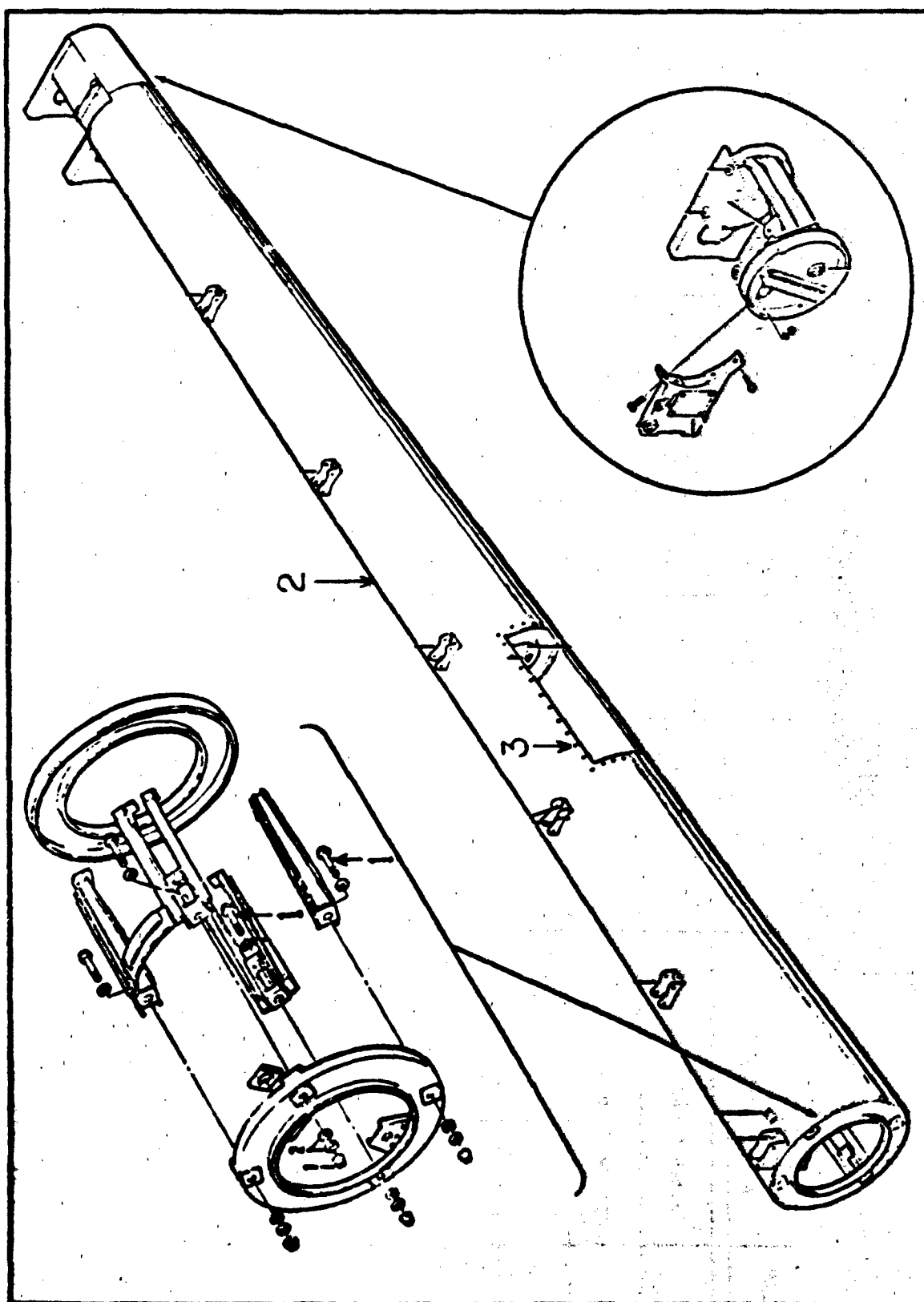


Figure 21 Tail Boom Installation



OH-53A FLAT RATE DATA  
FUNCTIONAL GROUP 01  
REFERENCE FIGURE 21

ITEM NO.	NOMENCLATURE	FSN/PN	ACTION CODE	MAINT. LEVEL	MEAN	MEDIAN	MODE	STD. DEV.	SAMPLE SIZE
1	Tail Boom Mounting Bolt	53068163223	Replace	Total	1.1	1.0	0.5	0.870	32
				Org.	0.7	0.5	0.5	0.710	8
				Supp.	1.3	1.0	1.0	0.877	24
			Adjust	Total	1.6	1.5	1.0	0.736	17
				Org.	1.6	1.5	1.0	0.762	15
				Supp.	*	*	*	*	*
2	Tail Boom Assy	15601287534	Service	Total	1.2	1.0	2.0	0.762	20
				Org.	1.2	1.0	2.0	0.803	18
				Supp.	*	*	*	*	*
			Initial Inspection	Total	1.0	1.0	1.0	0.307	8
				Org.	1.0	1.0	1.0	0.307	8
				Supp.	*	*	*	*	*
			Adjust	Total	1.9	1.5	1.0	1.165	29
				Org.	1.7	1.5	1.0	1.161	21
				Supp.	2.7	1.5	3.0	1.193	8
			Repair	Total	2.3	2.0	2.0	1.639	33
				Org.	*	*	*	*	*
				Supp.	2.6	2.0	2.0	1.591	28
			Service	Total	1.7	1.5	1.0	1.151	79
				Org.	1.6	1.2	1.0	1.054	62
				Supp.	2.8	2.0	3.0	2.248	19
			Initial Inspection	Total	1.6	1.0	0.5	1.115	18
				Org.	1.8	1.5	3.0	1.081	11
				Supp.	1.3	0.5	0.5	1.185	7
			Final Inspection	Total	1.4	1.0	1.0	0.628	7
				Org.	1.0	1.0	1.0	0.000	3
				Supp.	1.6	1.0	1.0	0.751	1

\*Insufficient Data

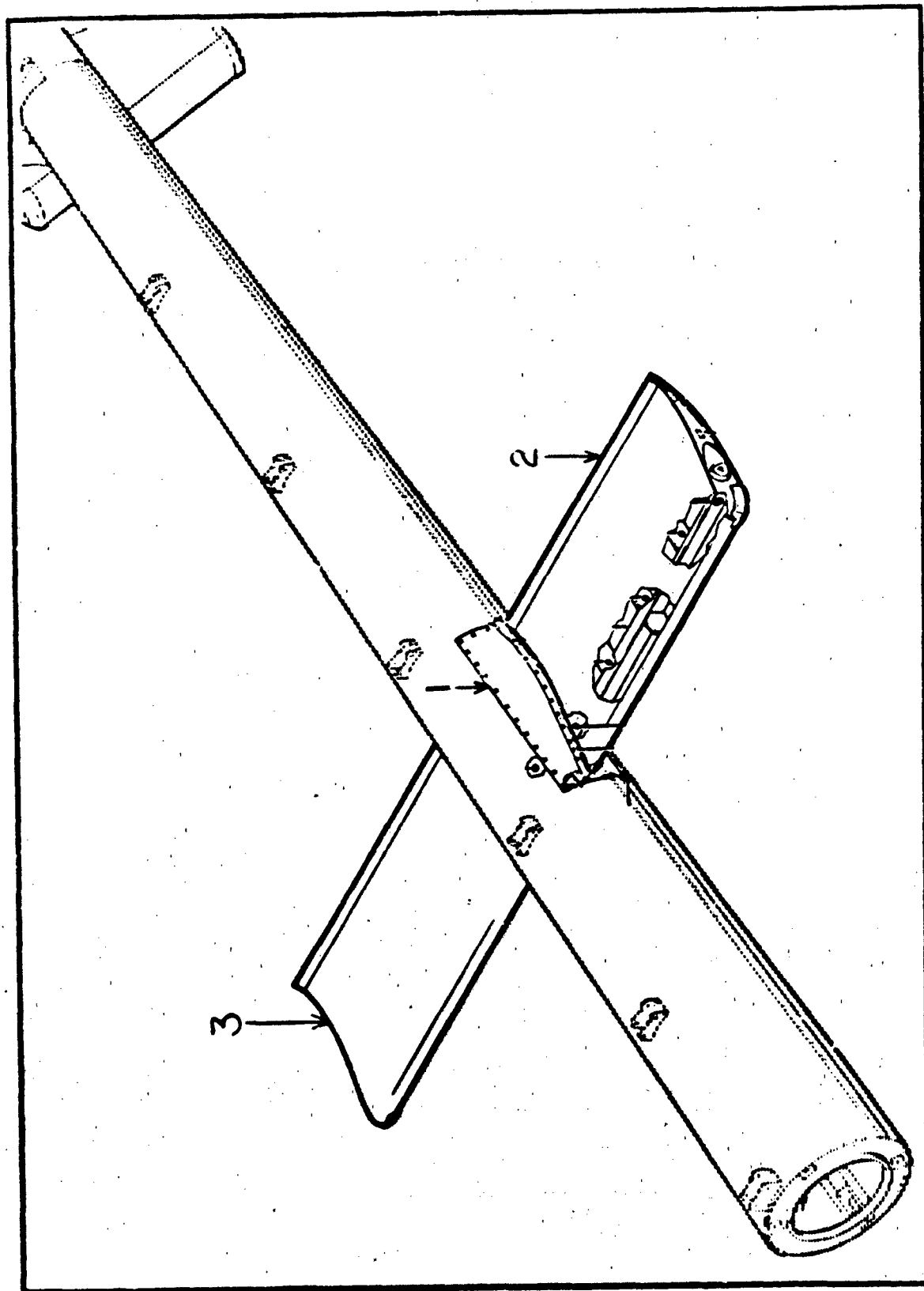
## UH-53A FLAT RATE DATA

## FUNCTIONAL GROUP 01

## REFERENCE FIGURE 21

ITEM NO	NOMENCLATURE	P.N/P.N	ACTION CODE	MAINT LEVEL	MEAN	MEDIAN	MODE	STD. DEV.	CATALOG SIZE
3	Tail Boom Assy (Cont'd)		Remove and Install	Total	2.6	2.0	4.0	2.078	59
				Org.	1.2	1.0	1.0	0.721	29
				Supp.	3.8	4.0	4.0	2.030	26
			Checked	Total	1.3	1.5	2.0	0.615	11
				Org.	1.1	1.0	1.0	0.600	8
				Supp.	*	*	*	*	*
			Remove	Total	1.4	1.3	2.0	0.675	7
				Org.	1.3	1.2	2.0	0.757	5
				Supp.	*	*	*	*	*
			Install	Total	3.0	3.0	3.0	1.496	143
				Org.	*	*	*	*	*
				Supp.	3.0	3.0	3.0	1.482	140
3	Nut	53100213884 53108133653	Replace	Total	1.4	1.0	2.0	1.048	16
				Org.	*	*	*	*	*
				Supp.	1.6	1.0	2.0	1.107	12
				Total					
				Org.					
				Supp.					
				Total					
				Org.					
				Supp.					
				Total					
				Org.					
				Supp.					

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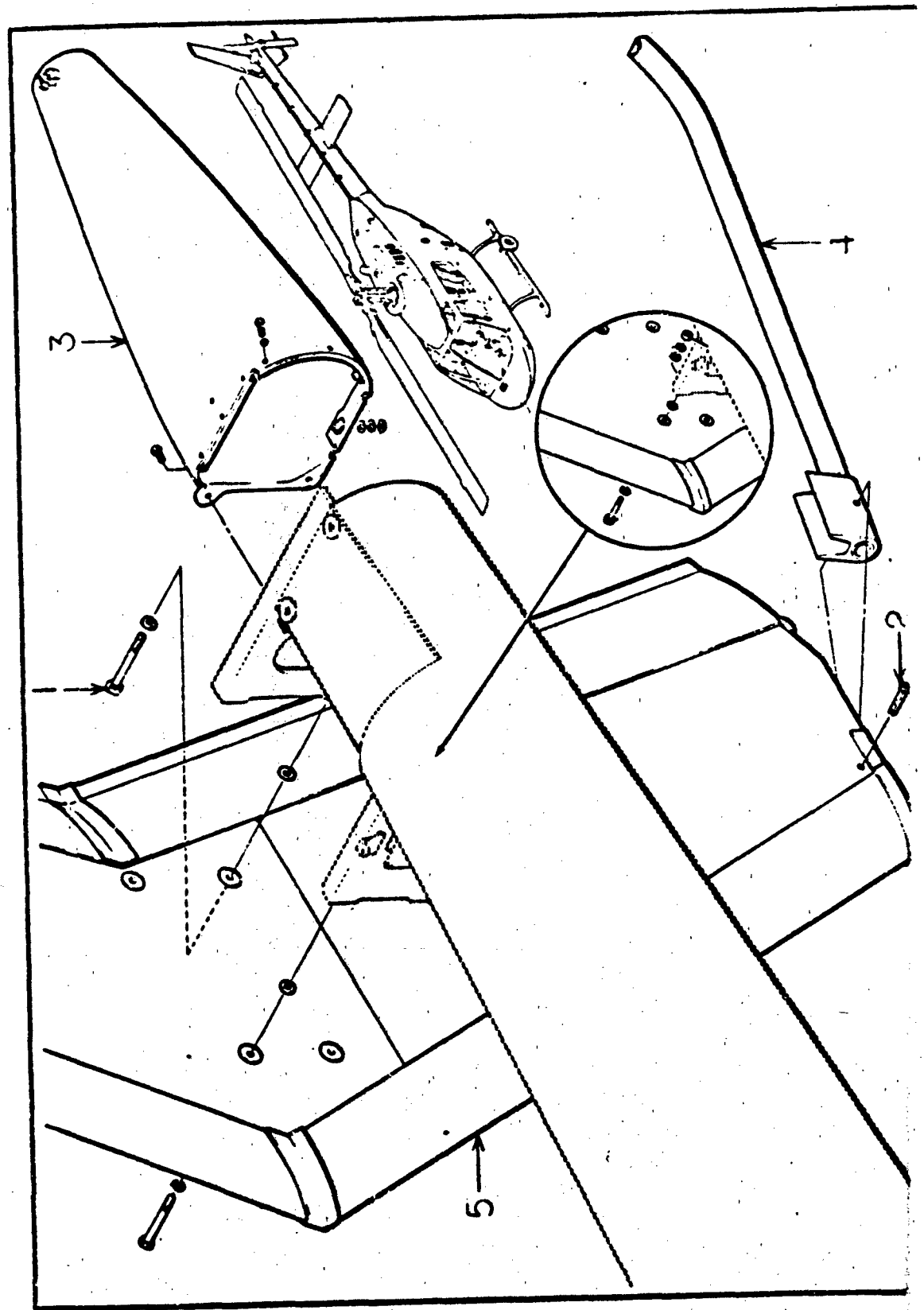
# OH-53A FLAT RATE DATA

## FUNCTIONAL GROUP 01

### REFERENCE FIGURE 22

ITEM NO.	NOMENCLATURE	F.O.B./P.R.	ACTION CODE	MAINT LEVEL	MEAS	RELATION	MODE	OTD DEL	ESTIMATE RATE
1	Stabilizer Support	15601275709 15601296167 15601296179 15601296203	Remove and Install	Total	1.2	1.1	1.1	0.627	20
				Org.	1.1	1.0	1.0	0.795	8
				Supp.	1.3	1.1	1.1	0.510	12
				Total					
2	Horizontal Stabilizer Assy	15601269148		Org.	3.9	3.0	5.0	2.727	26
			Replace	Supp.	2.7	2.5	1.0	1.684	14
				Total	5.2	5.0	5.0	3.158	12
			Repair	Org.	5.1	4.0	4.0	4.303	64
				Supp.	3.3	3.0	3.0	1.504	17
				Total	5.5	4.0	4.0	4.586	46
			Service	Org.	1.4	1.0	1.0	0.492	20
				Supp.	1.2	1.0	1.0	0.488	7
				Total	1.4	1.0	1.0	0.494	13
			Remove and Install	Org.	2.3	2.5	2.5	1.289	52
				Supp.	2.0	1.5	1.0	1.514	18
				Total	2.5	2.5	2.5	1.131	34
3	Horizontal Stabilizer Installation	2960221001	Remove	Org.	5.7	5.0	5.0	3.574	21
				Supp.	*	*	*	*	*
				Total	5.8	5.0	5.0	3.111	15
			Install	Org.	1.2	1.0	1.0	0.732	128
				Supp.	*	*	*	*	*
				Total	1.2	1.0	1.0	0.732	127
			Install	Org.	1.2	1.0	1.0	0.165	14
				Supp.	*	*	*	*	*
				Total	1.2	1.0	1.0	0.165	14

OH-53A FLAT RATE DATA



## OH-53A FLAT RATE DATA

FUNCTIONAL GROUP 01  
REFERENCE FIGURE 23

ITEM NO.	NOMENCLATURE	FSN/PN	ACTION CODE	MAINT. LEVEL	MEAN	MEDIAN	MODE	STD. DEV.	SAMPLE SIZE
1	Bolt	53068265338	Replace	Total	0.5	0.5	0.5	0.276	6
				Org.	0.4	0.5	0.5	0.122	3
				Supp.	0.6	0.5	1.0	0.406	3
2	Spring Pin	53150531865	Replace	Total	1.2	1.0	1.0	0.795	29
				Org.	1.2	1.0	1.0	0.814	25
				Supp.	*	*	*	*	*
3	Tail Light Support Assy	15601275705	Replace	Total	2.2	2.0	2.0	0.940	17
				Org.	1.6	2.0	2.0	0.613	12
				Supp.	*	*	*	*	*
4	Tail Skid Assy	16301794033 16301337406	Remove and Install	Total	0.8	0.5	0.5	0.478	24
				Org.	0.6	0.5	0.5	0.425	17
				Supp.	1.2	1.0	1.5	0.297	7
			Replace	Total	1.6	1.0	2.0	0.968	30
				Org.	1.5	1.0	2.0	0.901	26
				Supp.	*	*	*	*	*
			Adjust	Total	1.5	1.5	2.0	0.691	12
				Org.	1.6	1.5	2.0	0.466	9
				Supp.	*	*	*	*	*
			Repair	Total	2.0	2.0	2.0	1.261	22
				Org.	1.7	2.0	2.0	0.796	15
				Supp.	*	*	*	*	*
	Service			Total	1.3	1.0	1.0	0.639	6
				Org.	1.3	1.0	1.0	0.503	4
				Supp.	*	*	*	*	*
	Remove and Install			Total	2.0	1.0	1.0	1.390	12
				Org.	2.0	1.0	1.0	1.390	12
				Supp.	*	*	*	*	*

\*Insufficient Data

OH-53A FLAT RATE DATA  
FUNCTIONAL GROUP 01  
REFERENCE FIGURE 23

ITEM NO.	NOMENCLATURE	FSN/PN	ACTION CODE	MAINT. LEVEL	MEAN	MEDIAN	MODE	STD. DEV.	SAMPLE SIZE
5	Tail Skid Assy (Cont'd)	15601794052	Install	Total	1.0	1.0	1.5	0.500	5
				Org.	1.0	0.5	1.5	0.577	4
				Supp.	*	*	*	*	*
	Replace		Total	1.6	1.5	1.0	0.715	47	
			Org.	1.5	1.5	1.0	0.707	38	
			Supp.	*	*	*	*	*	
	Repair		Total	3.2	3.0	4.0	2.200	42	
			Org.	1.2	1.0	2.0	0.931	7	
			Supp.	3.6	4.0	4.0	2.170	35	
	Service		Total	1.4	1.0	1.0	0.924	15	
			Org.	1.2	1.0	1.0	0.620	12	
			Supp.	*	*	*	*	*	
	Final Inspection		Total	0.6	0.5	0.5	0.224	5	
			Org.	*	*	*	*	*	
			Supp.	0.6	0.5	0.5	0.252	4	
Remove and Install	Total	1.5	1.0	1.0	1.351	195			
	Org.	1.2	1.0	1.0	0.934	131			
	Supp.	2.1	2.0	2.0	1.801	64			
Remove	Total	1.9	1.0	0.5	1.888	25			
	Org.	0.9	0.5	0.5	0.773	13			
	Supp.	*	*	*	*	*			
Install	Total	1.7	2.0	2.0	0.670	150			
	Org.	*	*	*	*	*			
	Supp.	1.7	2.0	2.0	0.652	144			
				Total Org. Supp.					

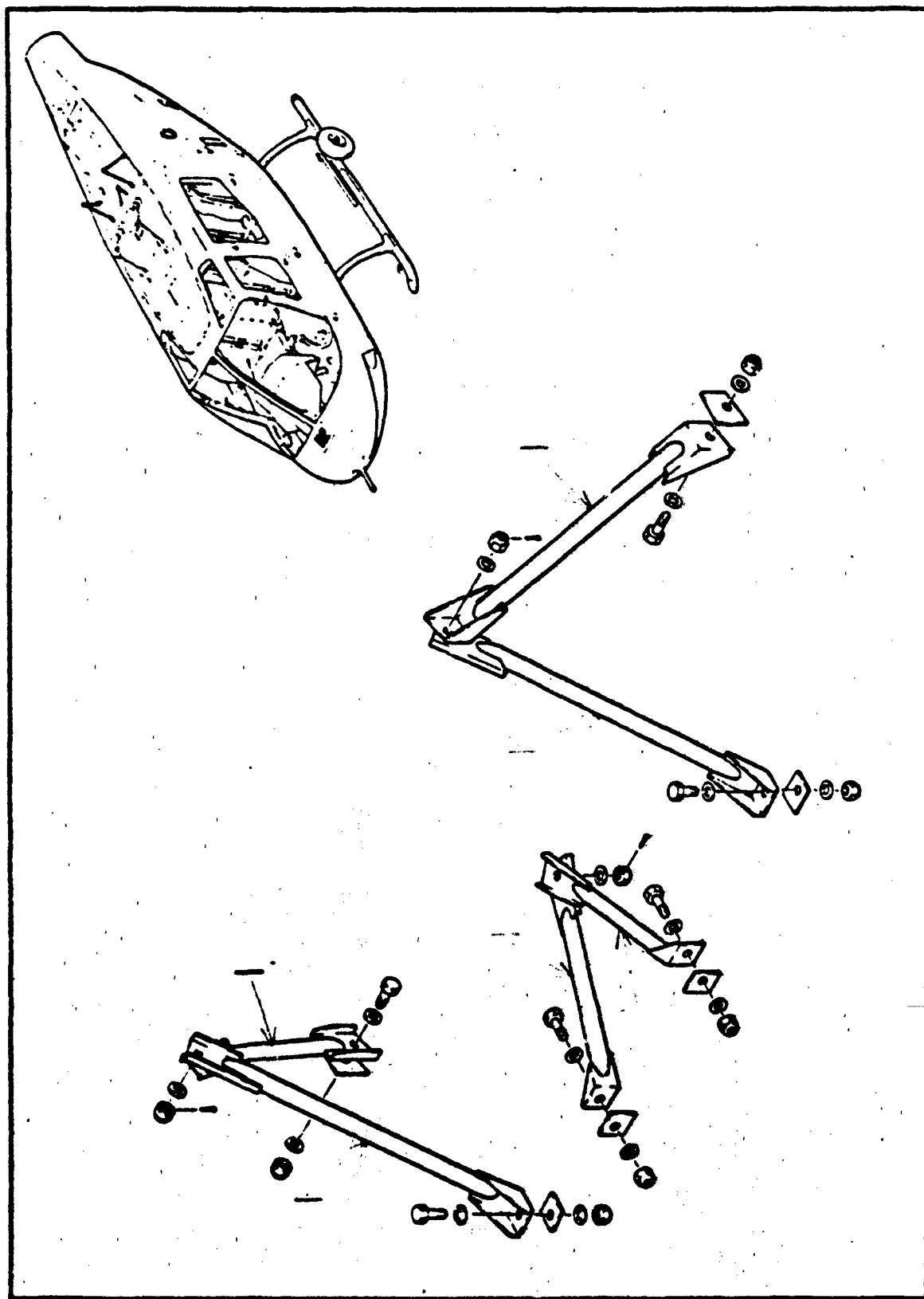


Figure 2- Engine Mount Installation



OH-58A FLAT RATE DATA  
FUNCTIONAL GROUP 01  
REFERENCE FIGURE 24

ITEM NO.	NOMENCLATURE	FSN/PN	ACTION CODE	MAINT. LEVEL	MEAN	MEDIAN	MODE	STD. DEV.	SAMPLE SIZE
1	Leg Assy	15601269160 15601269161 15601269198 15601269221 15601269222	Replace	Total	2.1	2.0	2.0	1.228	15
				Org.	2.0	2.0	3.0	1.276	6
				Supp.	2.1	2.0	2.0	1.269	9
			Remove and Install	Total	1.1	1.0	1.0	0.310	37
				Org.	1.7	1.5	1.5	0.272	8
				Supp.	1.0	1.0	1.0	0.000	29
			Remove	Total	1.0	1.0	0.7	0.251	18
				Org.	*	*	*	*	*
				Supp.	1.0	1.0	0.7	0.251	18
				Total					
				Org.					
				Supp.					
				Total					
				Org.					
				Supp.					
				Total					
				Org.					
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				Total					
				Org.					
				Supp.					

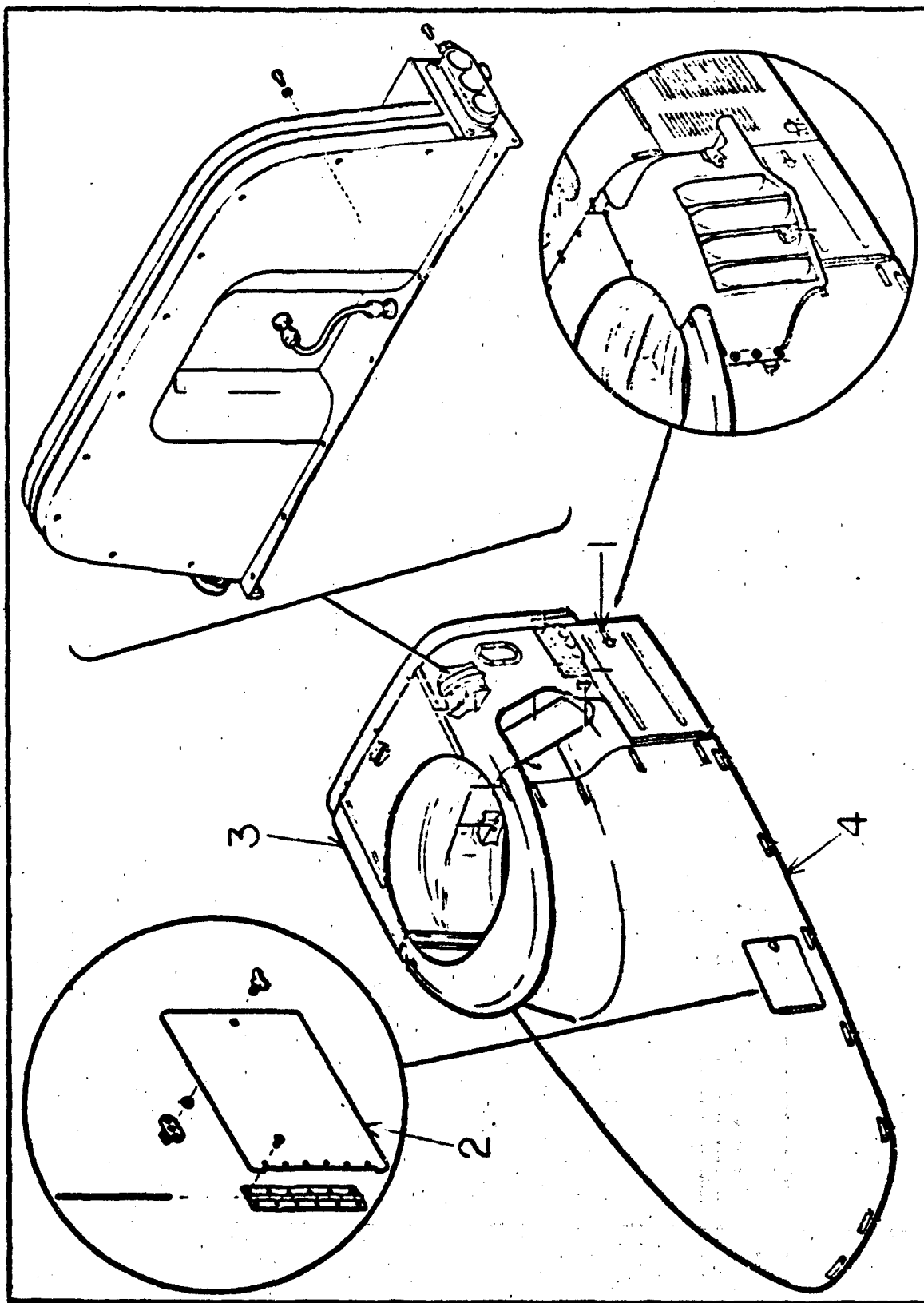


Figure 25 Cowl Installation

OH-53A FLAT RATE DATA  
FUNCTIONAL GROUP 01  
REFERENCE FIGURE 25

ITEM NO.	NOMENCLATURE	FSN/PN	ACTION CODE	MAINT. LEVEL	MEAN	MEDIAN	MODE	STD. DEV.	SAMPLE SIZE
1	Flush Catch	53405982806	Replace	Total	1.4	1.0	1.0	0.804	29
				Org.	1.1	1.0	1.0	0.569	12
				Supp.	1.7	1.5	1.0	0.849	17
2	XMSN Access Door Assy	15601269231	Repair	Total	1.1	1.0	1.0	0.583	8
				Org.	0.8	0.5	1.0	0.361	2
				Supp.	*	*	*	*	*
3	Induction Pairing Assy	15601075448	Repair	Total	3.7	3.0	3.0	2.668	19
				Org.	1.3	1.0	1.5	0.361	2
				Supp.	*	*	*	*	*
			Remove and Install	Total	1.8	1.5	1.0	1.270	109
				Org.	1.6	1.0	1.0	1.227	58
				Supp.	2.1	2.0	1.0	1.269	51
	Pairing Assy	15604620441	Repair	Total	2.6	2.0	2.0	1.630	40
				Org.	*	*	*	*	*
				Supp.	3.0	2.0	2.0	1.568	30
			Remove and Install	Total	1.0	0.5	0.5	0.879	160
				Org.	0.7	0.5	0.5	0.513	108
				Supp.	1.7	1.0	1.0	1.080	52
				Total					
				Org.					
				Supp.					
				Total					
				Org.					
				Supp.					

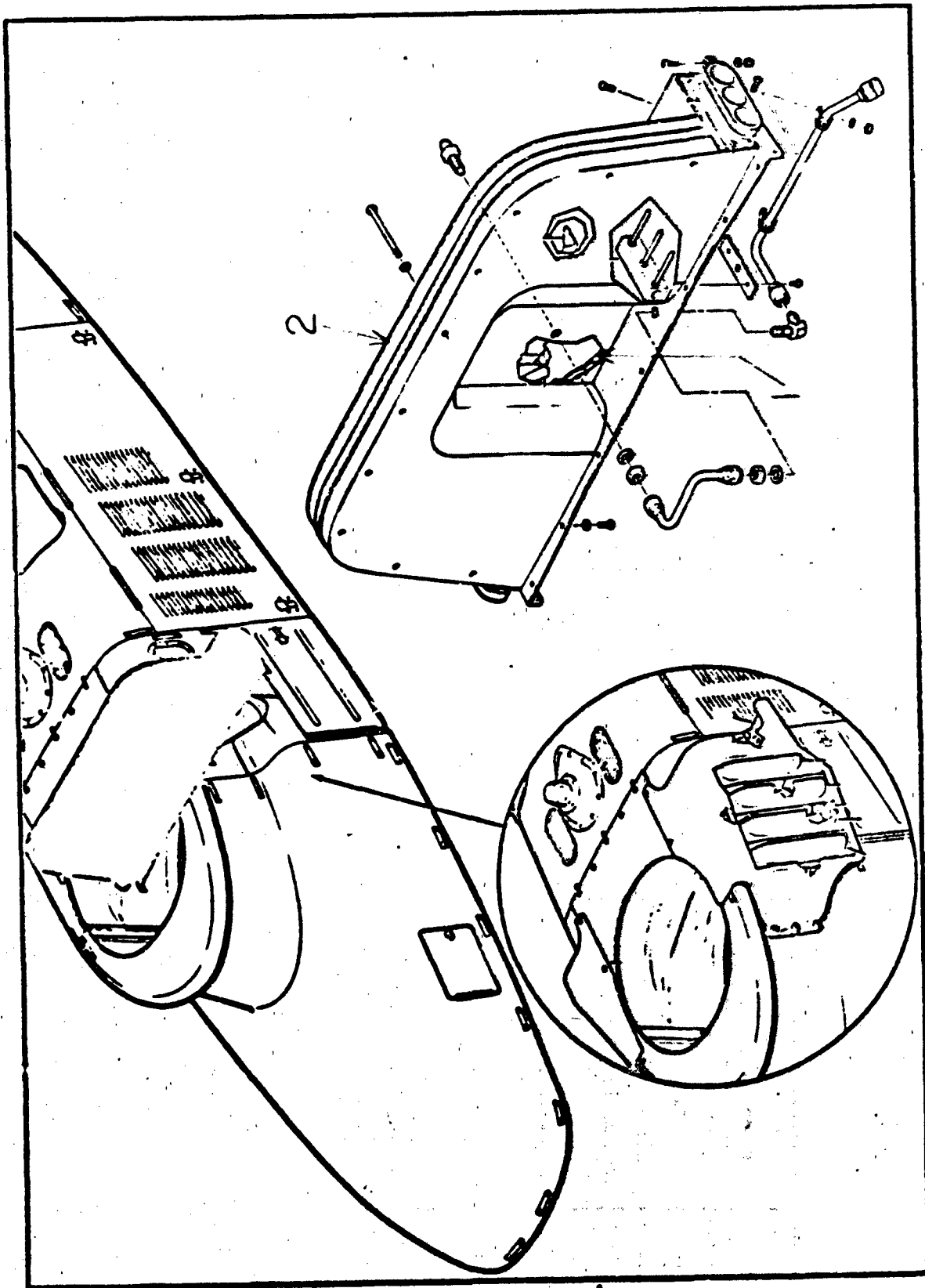


Figure 26 Particle Separator and Faring Assembly

OH-53A FLAT RATE DATA  
FUNCTIONAL GROUP 01  
REFERENCE FIGURE 26

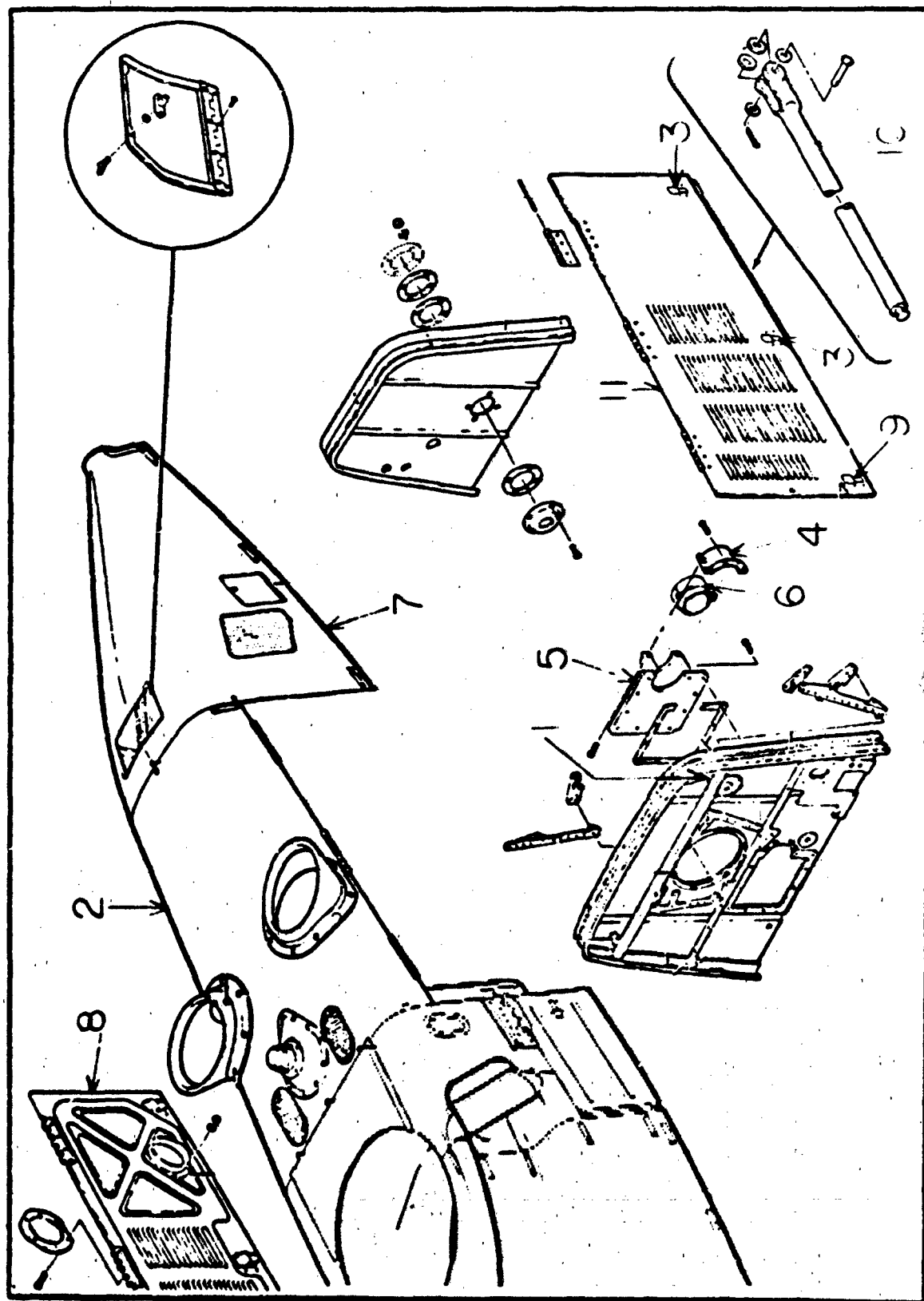
ITEM NO.	DESCRIPTION	FSN/PN	ACTION CODE	MAINT. LEVEL	MEAN	MEDIAN	MODE	STD. DEV.	SAMPLE SIZE
1	Feiring	15601681476	Repair	Total	1.8	1.0	1.0	1.248	28
				Org.	0.9	1.0	1.0	0.447	9
				Supp.	2.2	2.0	1.0	1.274	19
			Final Inspection	Total	0.3	0.2	0.2	0.134	6
				Org.	0.2	0.2	0.2	0.000	4
				Supp.	*	*	*	*	*
			Remove and Install	Total	0.6	0.5	0.5	0.416	242
				Org.	0.6	0.5	0.5	0.399	227
				Supp.	1.1	1.0	1.0	0.387	15
			Remove	Total	0.5	0.5	0.5	0.309	20
2	Particle Separator	29451092364		Org.	0.5	0.5	0.5	0.217	14
				Supp.	*	*	*	*	*
			Install	Total	0.7	0.5	0.5	0.442	11
				Org.	0.7	0.5	0.5	0.442	11
				Supp.	*	*	*	*	*
			Replace	Total	2.8	2.5	2.0	1.451	72
				Org.	2.9	3.0	4.0	1.495	60
				Supp.	2.3	2.0	2.0	1.137	12
			Repair	Total	1.8	1.0	1.0	1.316	29
				Org.	1.2	1.0	1.0	0.946	10
3	Service	29451092364		Supp.	2.0	1.5	0.5	1.419	19
			Service	Total	1.5	1.0	1.0	0.902	31
				Org.	1.6	1.5	1.0	1.009	21
				Supp.	1.2	1.0	1.0	0.532	10
			Remove and Install	Total	2.2	2.0	2.0	1.679	403
				Org.	1.8	1.5	2.0	1.309	294
				Supp.	3.1	2.5	2.0	2.183	109

\*Insufficient Data

OH-53A FLAT RATE DATA  
 FUNCTIONAL GROUP 01  
 REFERENCE FIGURE 26

ITEM NO.	NOMENCLATURE	FSN/PN	ACTION CODE	MAINT. LEVEL	MEAN	MEDIAN	MODE	STD. DEV.	SAMPLE SIZE				
	Particle Separator (Cont'd)		Remove	Total	1.4	1.0	0.5	0.808	37				
				Org.	1.4	1.0	1.0	0.837	28				
				Supp.	1.4	1.6	2.0	0.758	9				
			Install	Total	2.2	2.0	2.0	1.310	31				
				Org.	1.8	1.5	2.0	1.280	22				
				Supp.	3.1	3.0	4.0	0.928	9				
							Total						
							Org.						
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Insufficient Data



OH-53A FLAT RATE DATA  
FUNCTIONAL GROUP 01  
REFERENCE FIGURE 27

ITEM NO.	NOMENCLATURE	FSN/PN	ACTION CODE	MAINT. LEVEL	MEAN	MEDIAN	MODE	STD. DEV.	SAMPLE SIZE
1	Bracket	53401760432	Replace	Total	2.1	1.0	1.0	1.773	12
				Org.	*	*	*	*	*
			Repair	Supp.	2.6	1.5	5.0	1.862	9
				Total	1.2	1.0	1.0	0.576	17
2	Cowling	15601681686	Replace	Org.	*	*	*	*	*
				Supp.	1.3	1.0	1.0	0.601	13
			Repair	Total	1.1	1.0	1.0	0.624	12
				Org.	*	*	*	*	*
			Service	Supp.	1.3	1.0	1.0	0.501	9
				Total	2.6	2.0	2.0	1.690	215
			Initial Inspection	Org.	1.8	1.5	0.5	1.266	49
				Supp.	2.8	2.0	2.0	1.706	164
			Final Inspection	Total	1.6	1.0	0.5	1.273	75
				Org.	1.3	1.0	0.5	1.045	45
			Remove and Install	Supp.	2.2	1.5	1.0	1.422	30
				Total	0.6	0.5	0.5	0.595	26
			Remove	Org.	*	*	*	*	*
				Supp.	0.6	0.5	0.5	0.544	24
			Remove and Install	Total	0.4	0.5	0.5	0.222	29
				Org.	*	*	*	*	*
			Remove	Supp.	0.4	0.5	0.5	0.222	29
				Total	1.2	0.5	0.5	1.243	1,226
			Remove and Install	Org.	0.8	0.5	0.5	0.839	916
				Supp.	2.4	2.0	2.0	1.477	310
			Remove	Total	1.4	1.0	1.0	0.995	67
				Org.	1.3	1.0	0.5	1.069	49
			Remove	Supp.	1.3	1.0	1.0	0.663	25
				Total	1.3	1.0	1.0	0.663	25

Insufficient Data



OH-53A FLAT RATE DATA  
FUNCTIONAL GROUP 01  
REFERENCE FIGURE 27

ITEM NO	NOMENCLATURE	P/N/PN	ACTION CODE	MAINT LEVEL	MEAN	MEDIAN	MODE	STD. DEV.	QUANTILE SIZE
3	Cooling (Cont'd)	15606461720	Install	Total	1.4	1.0	1.0	0.787	34
				Org.	1.2	1.0	1.0	0.716	21
				Supp.	1.6	2.0	2.0	0.841	13
			Replace	Total	1.3	1.0	1.0	0.657	32
				Org.	1.3	1.0	1.0	0.668	9
				Supp.	1.2	1.0	1.0	0.430	21
			Adjust	Total	1.2	1.0	1.0	0.618	9
				Org.	1.4	1.0	1.0	0.535	7
				Supp.	*	*	*	*	*
			Repair	Total	2.2	2.0	2.0	1.434	66
				Org.	1.8	2.0	2.0	0.757	10
				Supp.	2.2	2.0	2.0	1.477	54
4	Cone Assy	15601354656	Service	Total	2.2	2.0	2.0	1.183	15
				Org.	1.6	2.0	2.0	1.059	9
				Supp.	3.0	3.0	4.0	0.894	6
			Initial Inspection	Total	0.4	0.5	0.5	0.276	9
				Org.	*	*	*	*	*
				Supp.	0.4	0.5	0.5	0.276	9
			Final Inspection	Total	0.4	0.5	0.5	0.297	8
				Org.	*	*	*	*	*
				Supp.	0.4	0.5	0.5	0.297	8
			Replace	Total	2.0	2.0	2.0	1.146	9
				Org.	1.5	1.0	2.0	0.577	4
				Supp.	*	*	*	*	*
5	Door Assy	15601773910	Remove and Install	Total	2.0	2.0	2.0	1.157	38
				Org.	1.5	1.0	1.0	0.707	10
				Supp.	2.2	2.0	2.0	1.236	26

# UH-53A FLAT RATE DATA

## FUNCTIONAL GROUP 01

### REFERENCE FIGURE 27

ITEM NO	NOMENCLATURE	PART NO	ACTION CODE	MAINT LEVEL	MEAS	REL IN	MODE	EST. DEV	QTY
6	Cover Assy	15601814166 15601814169	Replace	Total	1.2	1.0	1.0	0.632	44
				Org.	1.1	1.0	1.0	0.562	35
				Supp	1.9	2.0	2.0	0.499	9
			Remove and Install	Total	1.0	1.0	1.0	0.544	12
				Org	1.0	1.0	1.0	0.548	6
				Supp	0.9	0.5	0.5	0.585	6
			Install	Total	0.7	0.5	0.5	0.410	6
				Org	0.7	0.5	0.5	0.410	6
7	Aft Pairing Assy	15604447657	Replace	Total	1.6	1.0	1.0	0.950	7
				Org	*	*	*	*	*
				Supp	1.1	1.0	1.0	0.548	5
			Repair	Total	1.5	1.0	2.0	0.548	6
				Org	*	*	*	*	*
				Supp	1.6	2.0	2.0	0.548	5
			Remove and Install	Total	0.7	0.5	0.5	0.518	127
				Org	0.6	0.5	0.5	0.385	102
8	Engine Access Door	15604915317	Repair	Total	2.2	2.0	2.0	0.645	25
				Org	*	*	*	1.137	14
				Supp	2.5	2.0	2.0	1.049	11
			Remove and Install	Total	0.9	1.0	1.0	0.233	8
9	Flush Catch	53-053076-2		Org	*	*	*	*	*
				Supp	0.9	1.0	1.0	0.191	7
			Replace	Total	1.7	2.0	2.0	1.159	38
				Org	*	*	*	*	*
				Supp	1.8	2.0	2.0	1.137	27

Continued on Page

OH-53A FLAT RATE DATA  
FUNCTIONAL GROUP 01  
REFERENCE FIGURE 27

ITEM NO.	DESCRIPTION	FSN/PN	ACTION CODE	MAIN LEVEL	MEAN	MEDIAN	MODE	STD. DEV.	QUANTILE 95%
10	Rod Assy	15601275800	Replace	Total	0.9	1.0	1.0	0.359	12
				Org.	0.9	1.0	1.0	0.375	11
				Supp.	*	*	*	*	*
11	Side Panel Cowl Assy	15601681685	Repair	Total	1.9	1.5	1.0	1.303	13
				Org.	*	*	*	*	*
				Supp.	2.1	2.0	1.0	1.224	11
			Remove and Install	Total	0.9	1.0	1.0	0.493	19
				Org.	0.8	0.5	0.5	0.575	10
				Supp.	1.1	1.0	1.0	0.333	9
				Total					
				Org.					
				Supp.					
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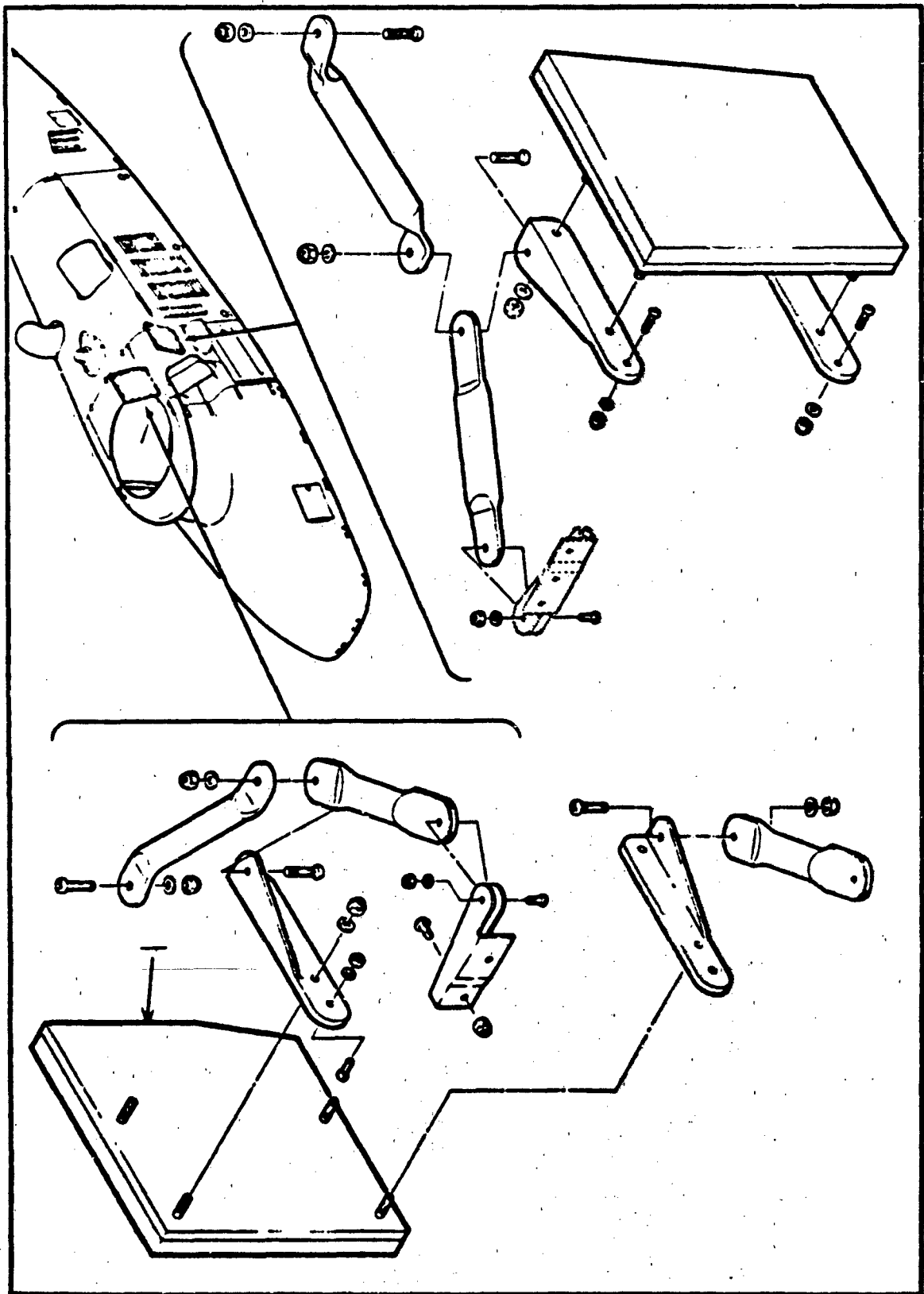


Figure 26 Passive Defense Installation

OH-53A FLAT RATE DATA  
FUNCTIONAL GROUP 01  
REFERENCE FIGURE 28

ITEM NO.	NOMENCLATURE	FSN/PN	ACTION CODE	MAINT. LEVEL	MEAN	MEDIAN	MODE	STD. DEV.	SAMPLE SIZE
1	Armor Plate	15604566051 15604620439	Remove and Install	Total	2.0	2.0	2.0	1.007	78
				Org. Supp.	*	*	*	*	*
			Remove	Total	2.0	2.0	2.0	0.999	72
				Org. Supp.	1.1	1.0	1.0	0.423	11
				Total	0.9	1.0	1.0	0.273	9
				Org. Supp.	*	*	*	*	*
				Total					
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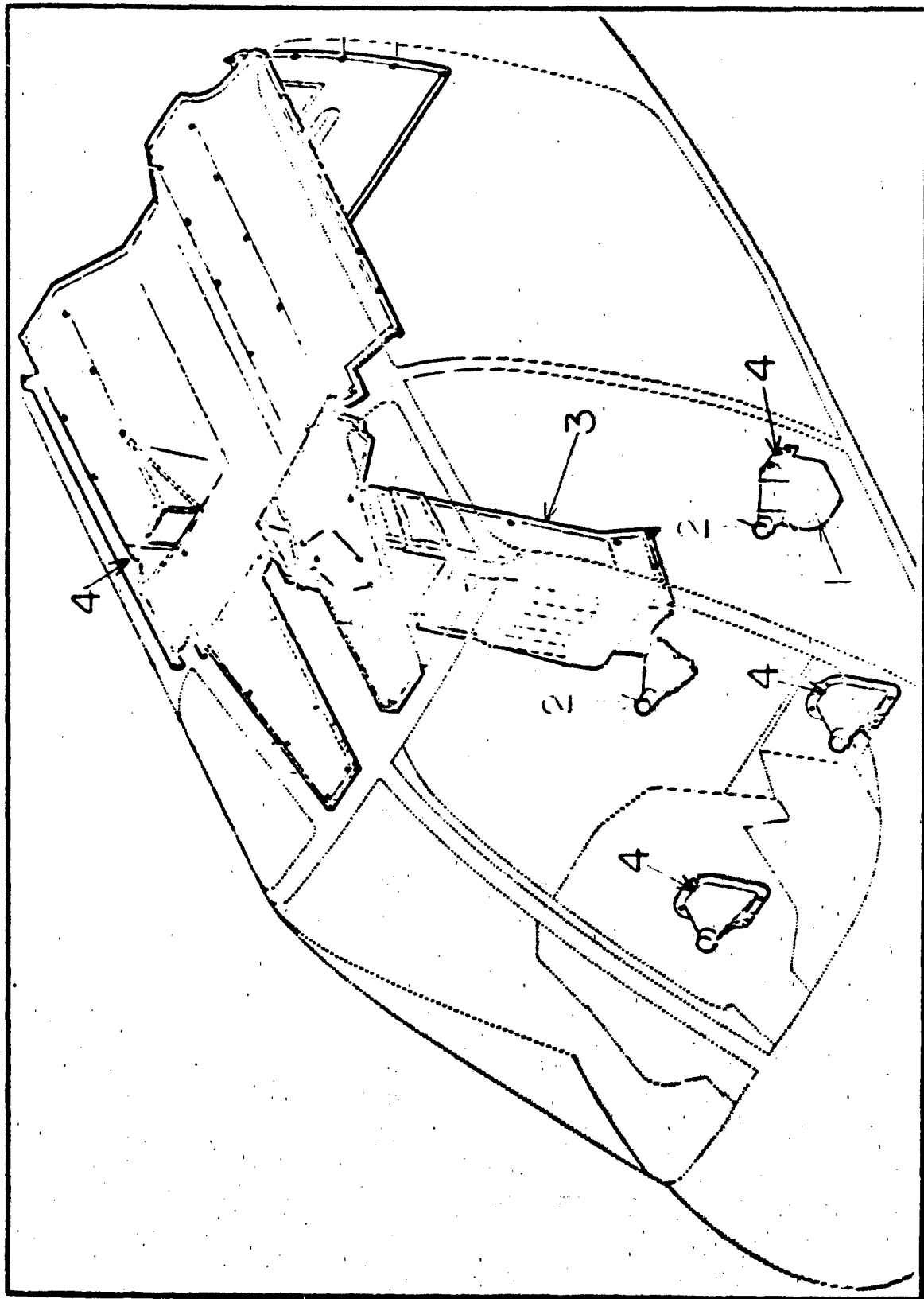


Figure 29 Soundproofing Installation

## OH-53A FLAT RATE DATA

## FUNCTIONAL GROUP 01

## REFERENCE F. PF J

ITEM NO.	NOMENCLATURE	FSN/PN	ACTION CODE	MAINT. LEVEL	MEAN	MEDIAN	MODE	STD. DEV.	SAMPLE SIZE
1	Cover Assy	16801230722	Replace	Total Org. Supp.	0.6 0.6 *	0.5 0.5 *	0.3 0.3 *	0.319 0.319 *	7 7 *
2	Dust & Moisture Boot	16801331217 16801331218	Replace	Total Org. Supp.	0.9 0.9 *	0.5 0.5 *	0.5 0.5 *	0.678 0.678 *	15 15 *
3	Blanket Assy	15601296214 15601762104 15602229262 15602229263	Replace Remove and Install Remove	Total Org. Supp. Total Org. Supp.	0.9 0.8 * 0.7 0.6 *	0.5 0.5 * 0.5 0.5 *	0.5 0.5 * 0.5 0.5 *	0.639 0.563 * 0.440 0.323 *	167 152 * 21 18 *
4	Sound Proofing Installation	2060703031	Remove and Install Remove	Total Org. Supp. Total Org. Supp.	0.4 * * 0.4 * *	0.3 * * 0.3 * *	0.2 * * 0.2 * *	0.283 * * 0.254 * *	22 * * 20 *
			Remove and Install Remove	Total Org. Supp.	0.4 0.4 *	0.3 0.3 *	0.2 0.2 *	0.229 0.199 *	51 49 *
			Remove	Total Org. Supp.	0.7 0.7 *	0.5 0.5 *	0.5 0.5 *	0.274 0.274 *	5 5 *
				Total Org. Supp.					
				Total Org. Supp.					

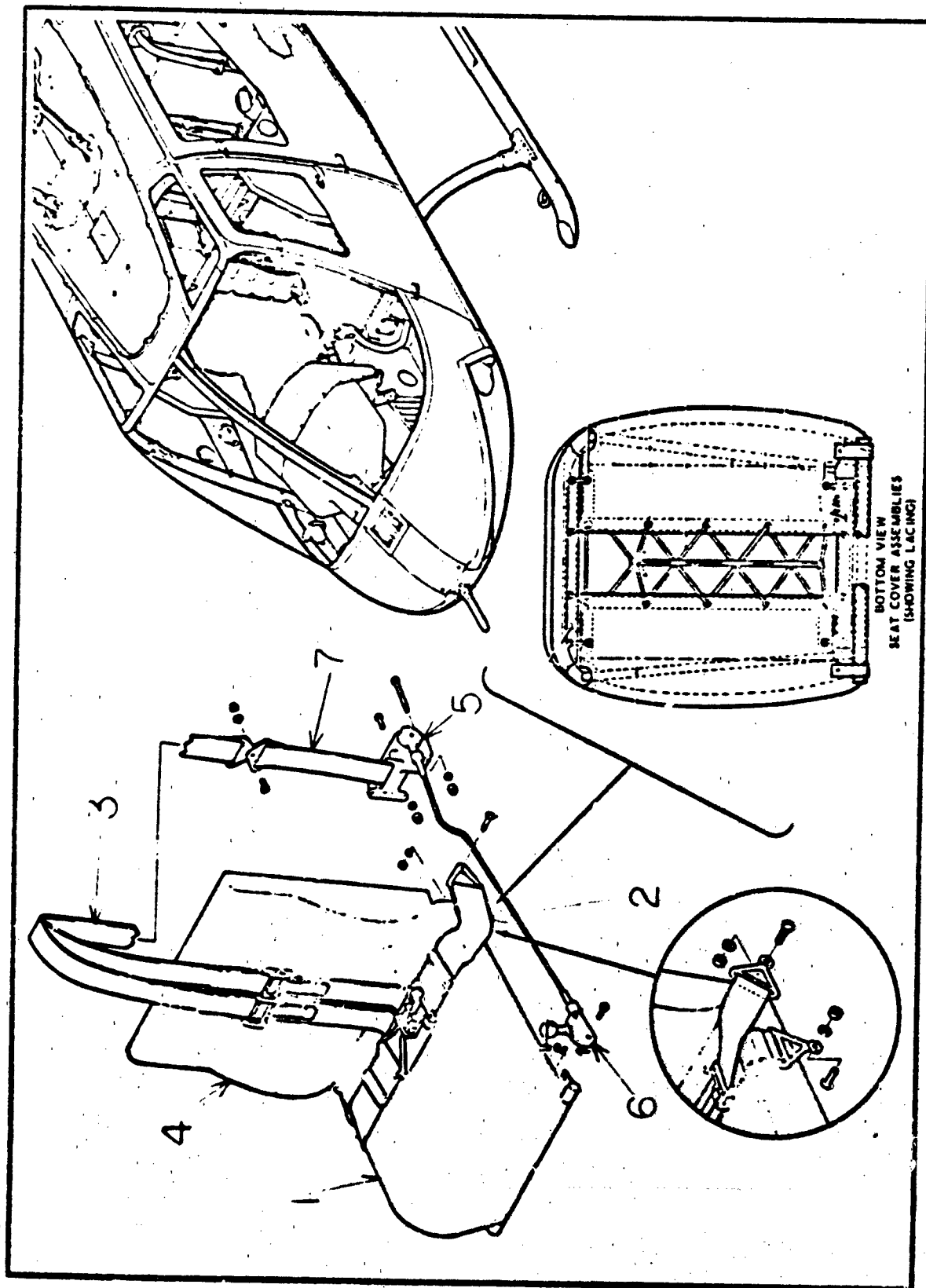


Figure 30 Crew Seating and Restraint Installation



OH-53A FLAT RATE DATA  
FUNCTIONAL GROUP 01  
REFERENCE FIGURE 30

ITEM NO.	NOMENCLATURE	FSN/PH	ACTION CODE	MAINT. LEVEL	MEAN	MEDIAN	MODE	STD. DEV.	SAMPLE SIZE
1	Seat Cushion	16801791226	Replace	Total	0.6	0.5	0.5	0.268	11
				Org.	0.4	0.5	0.5	0.108	7
				Supp.	0.9	1.0	1.0	0.252	4
			Service	Total	1.3	1.0	1.0	0.615	6
				Org.	*	*	*	*	*
				Supp.	1.3	1.0	1.0	0.503	4
			Remove and Install	Total	0.8	1.0	1.0	0.408	21
				Org.	0.7	0.7	1.0	0.442	17
				Supp.	1.0	1.0	1.0	0.000	4
Install	Total	0.6	0.5	0.5	0.300	15			
	Org.	0.6	0.5	0.5	0.277	11			
	Supp.	0.9	1.0	1.0	0.252	4			
2	Safety Belt	16805166543	Replace	Total	1.5	1.0	1.0	1.196	35
				Org.	1.2	1.0	1.0	0.691	23
				Supp.	2.0	1.0	1.0	1.432	11
			Adjust	Total	1.5	2.0	2.0	0.974	7
				Org.	*	*	*	*	*
				Supp.	2.3	2.0	2.0	0.503	4
			Repair	Total	1.1	0.5	0.5	0.883	9
				Org.	*	*	*	*	*
				Supp.	1.3	0.5	0.5	1.038	6
			Service	Total	1.0	1.0	1.0	0.523	32
				Org.	0.8	1.0	1.0	0.394	17
Supp.	1.3	1.0		1.0	0.552	15			
Remove and Install	Total	0.8	0.5	0.5	0.501	10			
	Org.	0.8	0.5	0.5	0.501	10			
	Supp.	*	*	*	*	*			

OH-53A FLAT RATE DATA

FUNCTIONAL GROUP 01

REFERENCE FIGURE 30

ITEM NO.	NOMENCLATURE	FSM/PN	ACTION CODE	MAINT. LEVEL	MEAN	MEDIAN	MODE	STD. DEV.	SAMPLE SIZE
3	Safety Belt (Cont'd)	16805552938	Install	Total	1.0	1.0	1.0	0.456	12
				Org.	0.9	1.0	1.0	0.370	8
				Supp.	*	*	*	*	*
	Replace		Total	1.1	1.0	1.0	0.636	47	
			Org.	1.0	1.0	1.0	0.504	37	
			Supp.	1.5	1.5	2.0	0.702	9	
	Repair		Total	1.0	1.0	1.0	0.612	5	
			Org.	*	*	*	*	*	
			Supp.	1.1	1.0	1.0	0.630	4	
	Service		Total	1.2	1.0	1.0	0.570	5	
			Org.	*	*	*	*	*	
			Supp.	1.2	1.0	1.0	0.570	5	
4	Cushion Assy	16801791226 16801791231	Remove and Install	Total	0.8	0.5	0.5	0.483	10
				Org.	0.7	0.5	0.5	0.567	7
				Supp.	*	*	*	*	*
	Install		Total	0.9	0.5	0.5	0.652	5	
			Org.	1.2	1.0	2.0	0.765	3	
			Supp.	0.5	0.5	0.5	0.000	2	
	Replace		Total	1.1	1.0	1.0	0.757	333	
			Org.	1.0	1.0	0.5	0.693	306	
			Supp.	1.8	2.0	1.0	1.242	27	
	Repair		Total	1.8	2.0	2.0	0.447	5	
			Org.	2.0	2.0	2.0	0.000	2	
			Supp.	1.7	2.0	2.0	0.579	3	
Remove and Install	Total	0.8	0.5	0.5	0.860	94			
	Org.	0.7	0.5	0.5	0.487	81			
	Supp.	0.9	0.5	0.2	0.963	9			

Insufficient Data

OH-53A FLAT RATE DATA  
FUNCTIONAL GROUP 01  
REFERENCE FIGURE 30

ITEM NO	NOMENCLATURE	FSN/PM	ACTION CODE	MAINT. LEVEL	MEAN	MEDIAN	MODE	STD DEV.	SAMPLE SIZE
	Cushion Assy (Cont'd)		Remove	Total Org. Supp.	0.7 0.7 *	0.5 0.5 *	0.5 0.5 *	0.259 0.259 *	8 8 *
			Install	Total Org. Supp.	0.8 0.7 *	0.5 0.5 *	0.5 0.5 *	0.483 0.252 *	10 9 *
			Replace	Total Org. Supp.	1.4 1.4 *	1.0 1.0 *	1.0 1.0 *	0.598 0.611 *	78 71 *
	Reel Assy	16807754182	Repair	Total Org. Supp.	1.3 1.3 *	1.0 1.0 *	1.0 1.0 *	0.526 0.394 *	9 7 *
			Remove and Install	Total Org. Supp.	0.8 0.8 *	0.5 0.5 *	0.5 0.5 *	0.589 0.589 *	9 9 *
			Remove	Total Org. Supp.	0.8 * *	0.4 * *	0.4 * *	0.640 * *	6 * *
6	Control Assy	16809208394	Replace	Total Org. Supp.	1.3 1.5 *	1.0 1.0 *	2.0 2.0 *	0.671 0.577 *	5 1 *
			Replace	Total Org. Supp.	1.2 1.2 *	1.0 1.0 *	2.0 2.0 *	0.746 0.746 *	7 7 *
				Total Org. Supp.					
7	Strap Assy	16806329608							

\*Insufficient Data

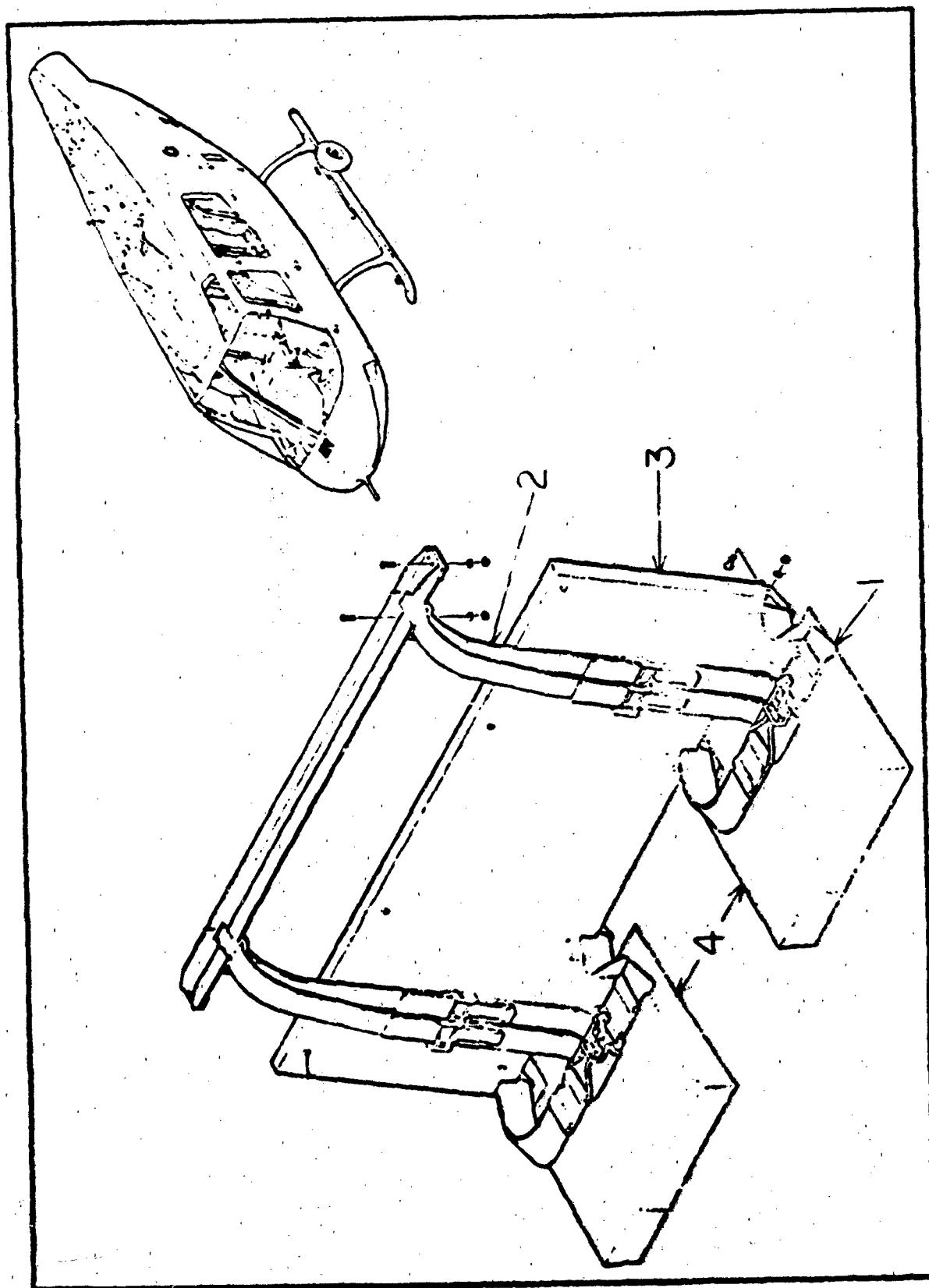


Figure 3- Passenger's Seating and Restraint Installation

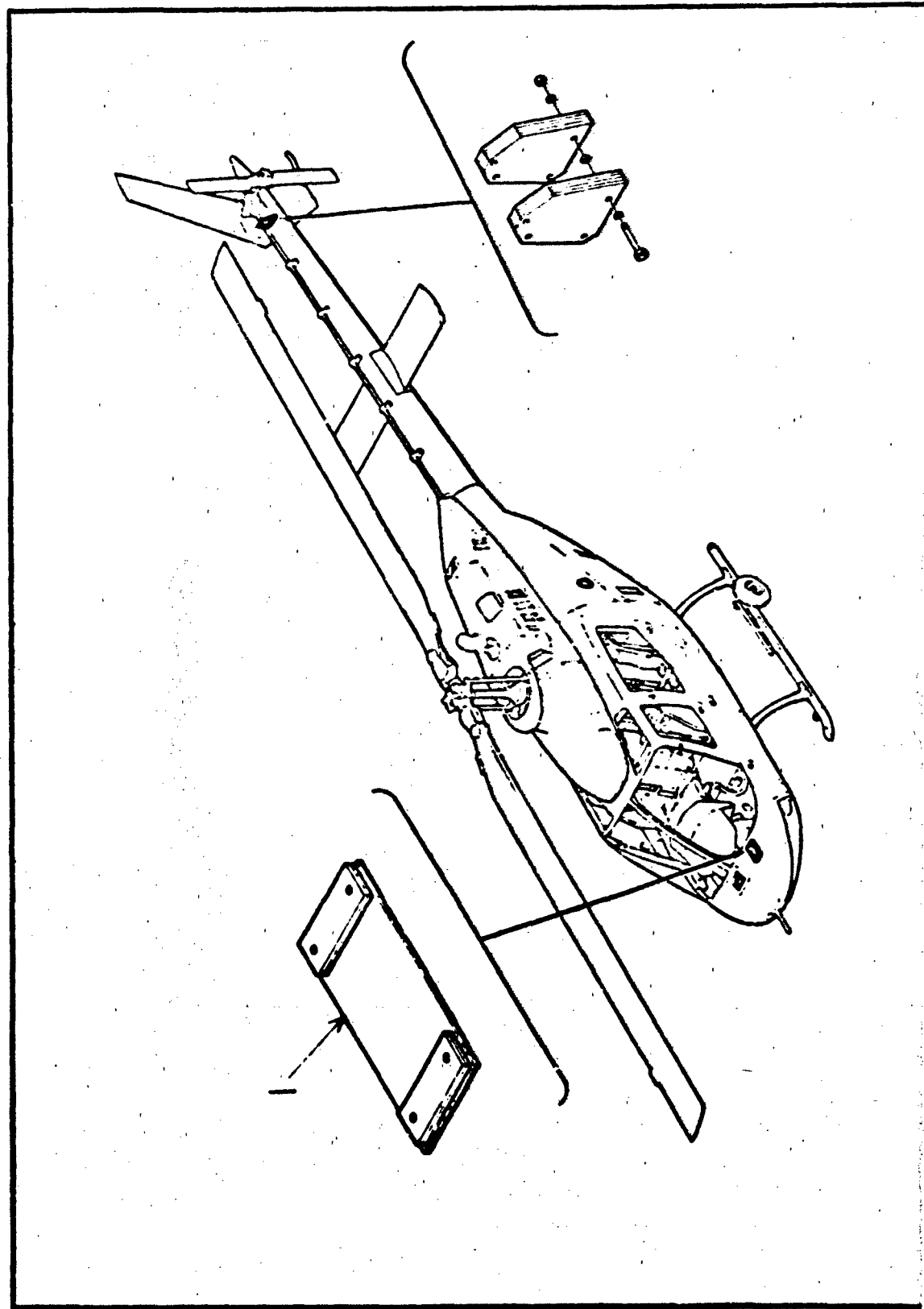
OH-53A FLAT RATE DATA  
FUNCTIONAL GROUP 01  
REFERENCE FIGURE 31

ITEM NO.	DESCRIPTION	FSN/PN	ACTION CODE	MAINT. LEVEL	MEAN	MEDIAN	MODE	STD. DEV.	SAMPLE SIZE
1	Safety Belt Assy	16802671110	Replace	Total Org. Supp.	1.0 0.9 *	1.0 1.0 *	1.0 1.0 *	0.489 0.369 *	27 23 *
			Remove and Install	Total Org. Supp.	0.9 0.9 *	1.0 1.0 *	0.5 0.5 *	0.556 0.556 *	11 11 *
			Install	Total Org. Supp.	0.5 0.5 *	0.3 0.3 *	0.3 0.3 *	0.304 0.304 *	5 5 *
			Replace	Total Org. Supp.	1.0 0.9 *	1.0 1.0 *	1.0 1.0 *	0.466 0.463 *	18 13 *
2	Safety Harness	16801255926	Install	Total Org. Supp.	0.8 0.8 *	0.3 0.3 *	0.3 0.3 *	0.674 0.674 *	6 6 *
			Replace	Total Org. Supp.	0.7 0.7 *	0.5 0.5 *	0.5 0.5 *	0.442 0.419 *	51 44 *
			Remove and Install	Total Org. Supp.	0.5 0.6 *	0.5 0.5 *	0.5 0.5 *	0.276 0.252 *	6 4 *
			Install	Total Org. Supp.	0.3 0.3 *	0.2 0.2 *	0.2 0.2 *	0.147 0.134 *	7 6 *
3	Cushion Assy	16801230718	Replace	Total Org. Supp.	0.8 0.7 *	0.5 0.5 *	0.5 0.5 *	0.505 0.471 *	73 61 *
			Remove and Install	Total Org. Supp.	1.1 1.1 *	1.0 1.0 *	1.0 1.0 *	0.616 0.616 *	12 12 *
			Install	Total Org. Supp.	0.3 0.3 *	0.2 0.2 *	0.2 0.2 *	0.147 0.134 *	7 6 *
			Replace	Total Org. Supp.	0.8 0.7 *	0.5 0.5 *	0.5 0.5 *	0.505 0.471 *	73 61 *
4	Cushioning Pad	16801858311	Replace	Total Org. Supp.	0.8 0.7 *	0.5 0.5 *	0.5 0.5 *	0.505 0.471 *	73 61 *
			Remove and Install	Total Org. Supp.	1.1 1.1 *	1.0 1.0 *	1.0 1.0 *	0.616 0.616 *	12 12 *
			Install	Total Org. Supp.	0.3 0.3 *	0.2 0.2 *	0.2 0.2 *	0.147 0.134 *	7 6 *
			Replace	Total Org. Supp.	0.8 0.7 *	0.5 0.5 *	0.5 0.5 *	0.505 0.471 *	73 61 *

\*Insufficient Data

OH-53A FLAT RATE DATA  
 FUNCTIONAL GROUP 01  
 REFERENCE FIGURE 31

ITEM NO.	NOMENCLATURE	FSN/PN	ACTION CODE	MAINT. LEVEL	MEAN	MEDIAN	MODE	STD. DEV.	SAMPLE SIZE	
	Cushioning Pad (Cont'd)		Remove and Install	Total	0.5	0.5	0.5	0.309	16	
				Org.	0.6	0.5	0.5	0.314	14	
			Install	Supp.	*	*	*	*	*	*
				Total	0.7	0.5	0.5	0.734	9	
				Org.	0.7	0.5	0.5	0.734	9	
				Supp.	*	*	*	*	*	
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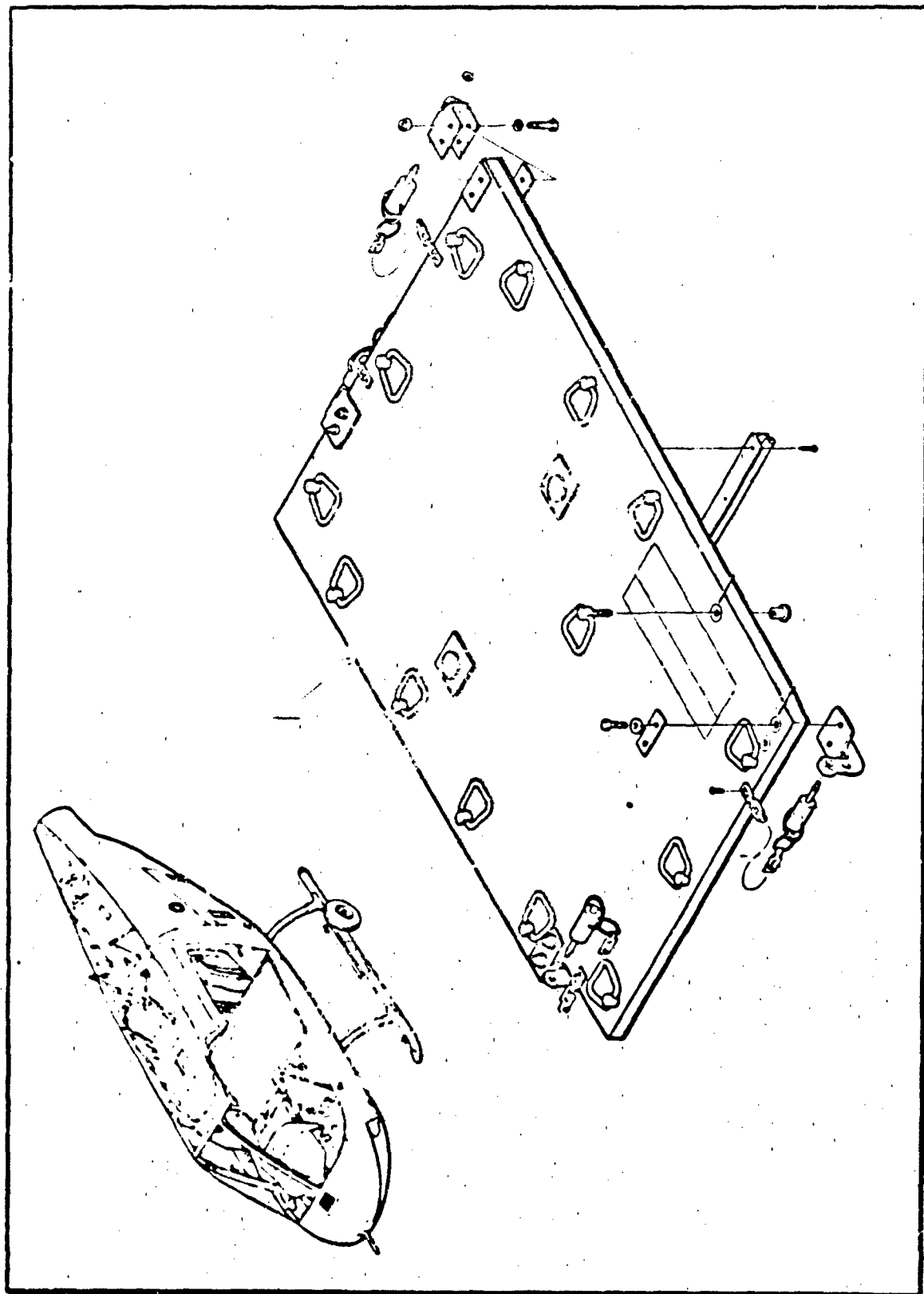


OH-53A FLAT RATE DATA  
 FUNCTIONAL GROUP 01  
 REFERENCE FIGURE 32

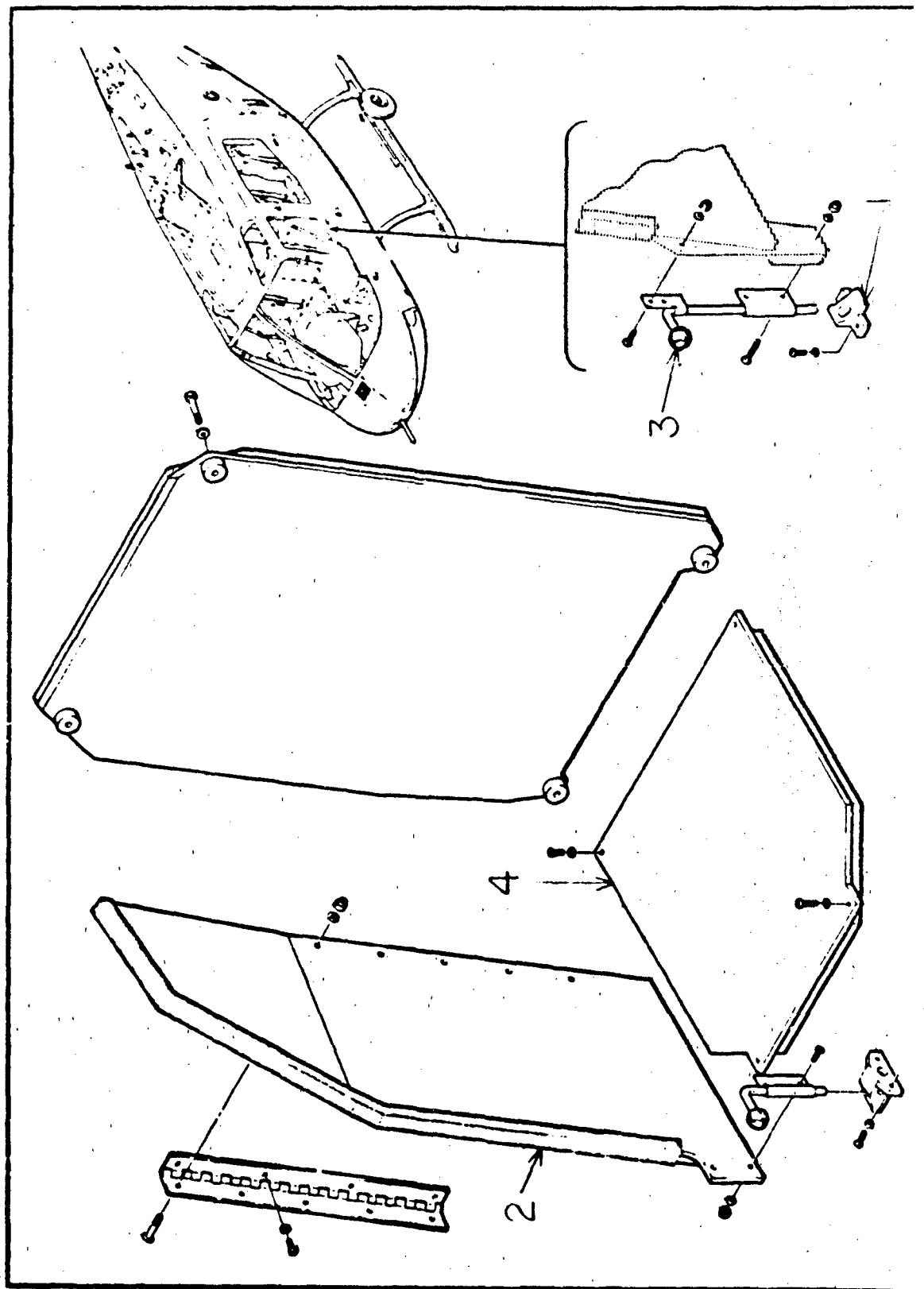
ITEM NO.	NOMENCLATURE	FSN/PN	ACTION CODE	MAINT. LEVEL	MEAN	MELIAN	MODE	STD. DEV.	CAMILE SIZE
1	Nose Ballast Assy	156017615 24 156017615 24	Remove	Total	1.5	1.0	2.0	0.590	6
				Org.	1.5	1.0	2.0	0.590	6
				Supp.	*	*	*	*	*
				Total					
				Org.					
				Supp.					
				Total					
				Org.					
				Supp.					
				Total					
				Org.					
				Supp.					

Discontinued Data









# OH-53A FLAT RATE DATA

## FUNCTIONAL GROUP 01

### REFERENCE FIGURE 34

ITEM NO.	NOMENCLATURE	FUN/FN	ACTION CODE	MAINT LEVEL	MEAN	MEDIAN	MODE	STD. DEV.	TABLE NO.
1	Fitting	16801258870 16801305859	Replace	Total	1.0	1.0	1.0	0.362	12
				Org.	0.8	1.0	1.0	0.259	13
				Supp.	1.0	1.0	1.0	0.355	14
2	Armor Panel Assy	16801258869	Replace	Total	1.2	1.0	1.0	0.435	15
				Org.	1.1	1.0	1.0	0.316	16
				Supp.	*	*	*	*	17
			Repair	Total	2.1	1.5	1.0	1.245	18
				Org.	*	*	*	*	19
				Supp.	2.1	1.5	1.0	1.245	20
3	Hinge Assy	53401343355 53401811379	Total	Total	0.8	0.5	0.5	0.426	21
				Org.	0.8	0.5	0.5	0.426	22
				Supp.	*	*	*	*	23
			Replace	Total	0.9	1.0	0.5	0.537	24
				Org.	0.9	0.7	0.5	0.517	25
				Supp.	*	*	*	*	26
4	Armor Assy	16801287484 16801287394	Remove and Install	Total	1.2	1.0	1.0	0.767	27
				Org.	1.0	1.0	0.5	0.616	28
				Supp.	1.8	1.5	1.0	0.911	29
			Remove	Total	1.0	0.5	0.5	0.723	30
				Org.	1.3	1.0	0.5	0.872	31
				Supp.	0.6	0.5	0.2	0.537	32
			Install	Total	1.3	1.0	1.0	0.663	33
				Org.	1.1	1.0	1.0	0.433	34
				Supp.	*	*	*	*	35

FUNCTIONAL GROUP 01  
MISCELLANEOUS ITEMS

OH-53A FLAT RATE DATA  
FUNCTIONAL GROUP 01  
MISCELLANEOUS

ITEM NO.	NOMENCLATURE	FSN/PN	ACTION CODE	MAINT. LEVEL	MEAN	MEDIAN	MODE	STL DEV.	SAMPLE SIZE
--	Nut	**	Replace	Total Org. Supp.	3.4 3.0 3.8	3.0 3.0 3.0	3.0 3.0 3.0	2.222 1.409 2.852	18 9 9
--	Receptacle	**	Replace	Total Org. Supp.	1.9 1.9 1.9	1.0 1.0 1.0	1.0 1.0 2.0	1.625 1.817 1.625	11 5 6
--	Rivet	**	Replace	Total Org. Supp.	2.2 * 2.2	2.0 * 2.0	1.0 * 1.0	1.492 * 1.535	46 * 42
			Repair	Total Org. Supp.	1.5 * 1.6	1.5 * 1.5	2.0 * 2.0	0.858 * 0.816	25 * 22
--	Retainer	**	Replace	Total Org. Supp.	1.9 1.9 *	2.0 2.0 *	2.0 2.0 *	0.601 0.641 *	9 8 *
--	Fastener	**	Replace	Total Org. Supp.	1.2 0.9 1.4	1.0 1.0 1.0	1.0 0.5 1.0	0.662 0.502 0.634	54 18 35
			Repair	Total Org. Supp.	1.0 0.7 1.0	1.0 0.5 1.0	0.5 0.5 1.0	0.554 0.261 0.586	30 6 24
			Service	Total Org. Supp.	2.3 * 2.7	2.0 * 2.5	4.0 * 4.0	1.131 * 1.333	14 * 12
			Install	Total Org. Supp.	0.8 * 0.9	0.5 * 0.5	0.5 * 0.5	0.410 * 0.430	6 * 1

\*Insufficient Data

\*\* Items Identified by Nomenclature as Functional Group 01 Hardware.

# OH-53A FLAT RATE DATA

## FUNCTIONAL GROUP 01

### MISCELLANEOUS

ITEM NO.	NOMENCLATURE	FSN/PN	ACTION CODE	MAINT. LEVEL	MEAN	MEDIAN	MODE	STD. DEV.	SAMPLE SIZE
--	Bolt	**	Replace	Total	0.8	0.5	0.5	0.180	32
				Org.	0.6	0.5	0.5	0.226	23
				Supp.	1.0	1.0	1.0	0.597	7
			Adjust	Total	1.4	1.1	1.5	0.532	14
				Org.	1.5	1.5	1.5	0.921	12
				Supp.	*	*	*	*	*
			Service	Total	0.7	0.5	0.5	0.261	6
				Org.	0.8	1.0	1.0	0.292	3
				Supp.	0.5	0.5	0.5	0.000	3
			Remove and Install	Total	0.6	0.7	0.7	0.258	7
				Org.	0.7	0.7	0.7	0.279	6
				Supp.	*	*	*	*	*
--	Stud	**	Replace	Total	1.2	1.0	1.0	1.037	124
				Org.	0.7	0.5	0.5	0.549	60
				Supp.	1.6	1.0	1.0	1.208	64
--	Screw	**	Replace	Total	0.7	0.5	0.5	0.357	40
				Org.	0.7	0.5	0.5	0.387	32
				Supp.	0.6	0.5	0.5	0.207	3
				Total					
				Org.					
				Supp.					
				Total					
				Org.					
				Supp.					

\*Insufficient Data

\*\* Items Identified by Nomenclature as Functional Group 01 Hardware.

SECTION IV  
FUNCTIONAL GROUP 02  
LANDING GEAR SYSTEM



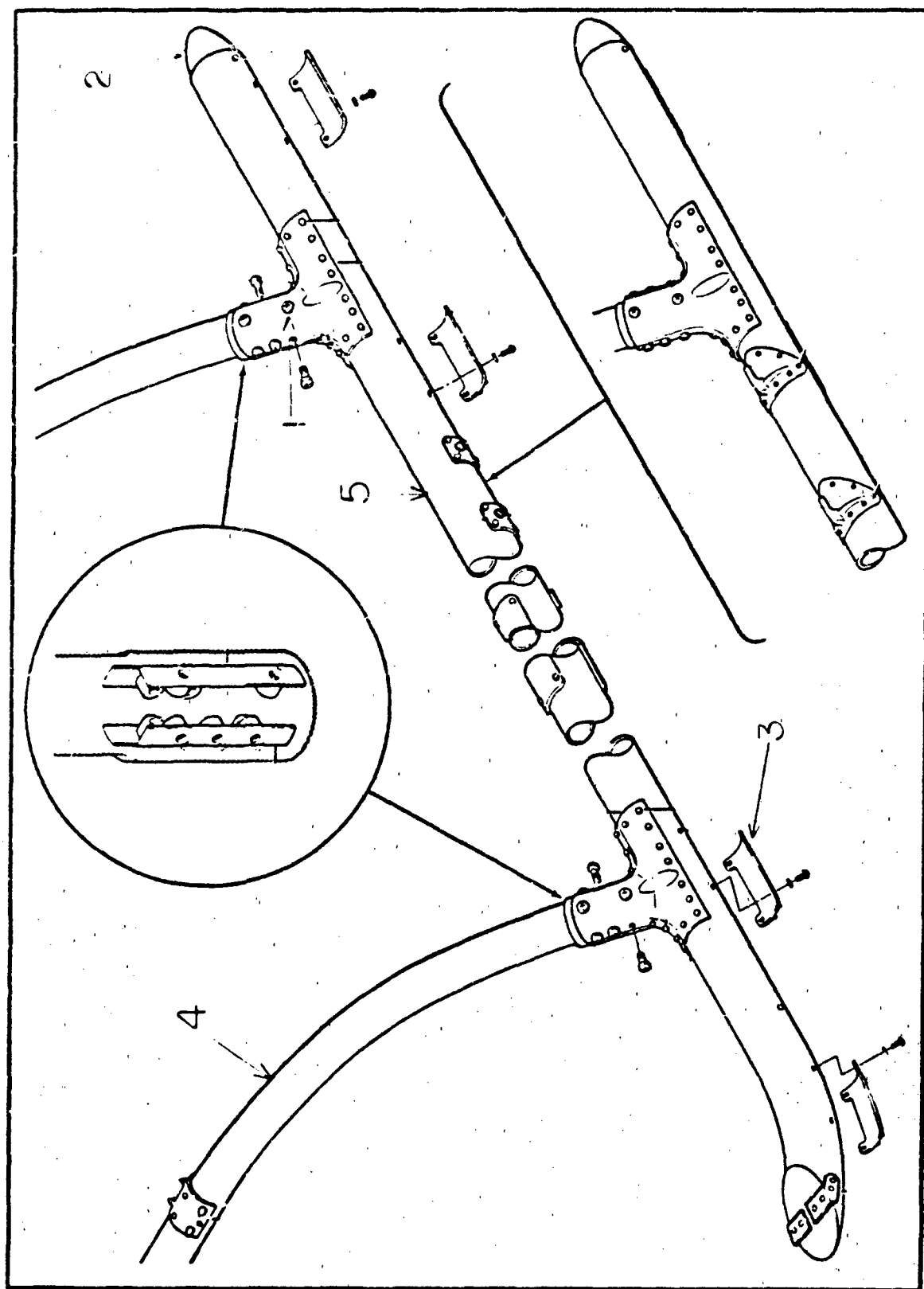


Figure 35 Landing Gear Assembly

## OH-53A FLAT RATE DATA

## FUNCTIONAL GROUP 02

## REFERENCE FIGURE 35

ITEM NO.	NOMENCLATURE	FSN/PN	ACTION CODE	MAINT. LEVEL	MEAN	MEDIAN	MODE	STD. DEV.	SAMPLE SIZE
1	Screw	53051141977 53051775584	Replace	Total	1.0	1.0	1.0	0.576	8
				Org.	0.7	0.5	1.0	0.346	6
				Supp.	*	*	*	*	*
2	Plug	16302292954	Replace	Total	1.8	1.0	2.0	1.255	8
				Org.	1.2	1.0	2.0	0.754	5
				Supp.	*	*	*	*	*
3	Shoe Assy	16301362345	Replace	Total	1.9	2.0	1.0	1.077	73
				Org.	1.9	2.0	1.0	1.043	49
				Supp.	*	*	*	*	*
			Repair	Total	2.5	2.0	1.0	1.665	19
				Org.	2.7	2.0	1.0	1.532	9
				Supp.	*	*	*	*	*
4	Cross Tube Assy	16201811747 16201814757	Replace	Total	2.4	2.0	2.0	1.401	128
				Org.	2.2	2.0	2.0	1.343	101
				Supp.	3.1	2.5	2.0	1.421	27
			Adjust	Total	1.4	1.0	1.0	0.791	12
				Org.	1.2	1.0	1.0	0.506	11
				Supp.	*	*	*	*	*
5	Skid Tube Assy	16201815469 16201815470	Replace	Total	3.0	2.5	2.0	1.310	408
				Org.	2.8	2.5	2.0	1.677	355
				Supp.	4.5	5.0	2.0	1.959	53
			Repair	Total	3.9	4.0	3.0	2.100	23
				Org.	1.9	1.0	1.0	1.131	7
				Supp.	4.8	5.0	3.0	2.391	10
				Total					
				Org.					
				Supp.					

\*Insufficient Data

SECTION V  
FUNCTIONAL GROUP 03  
POWER PLANT SYSTEM

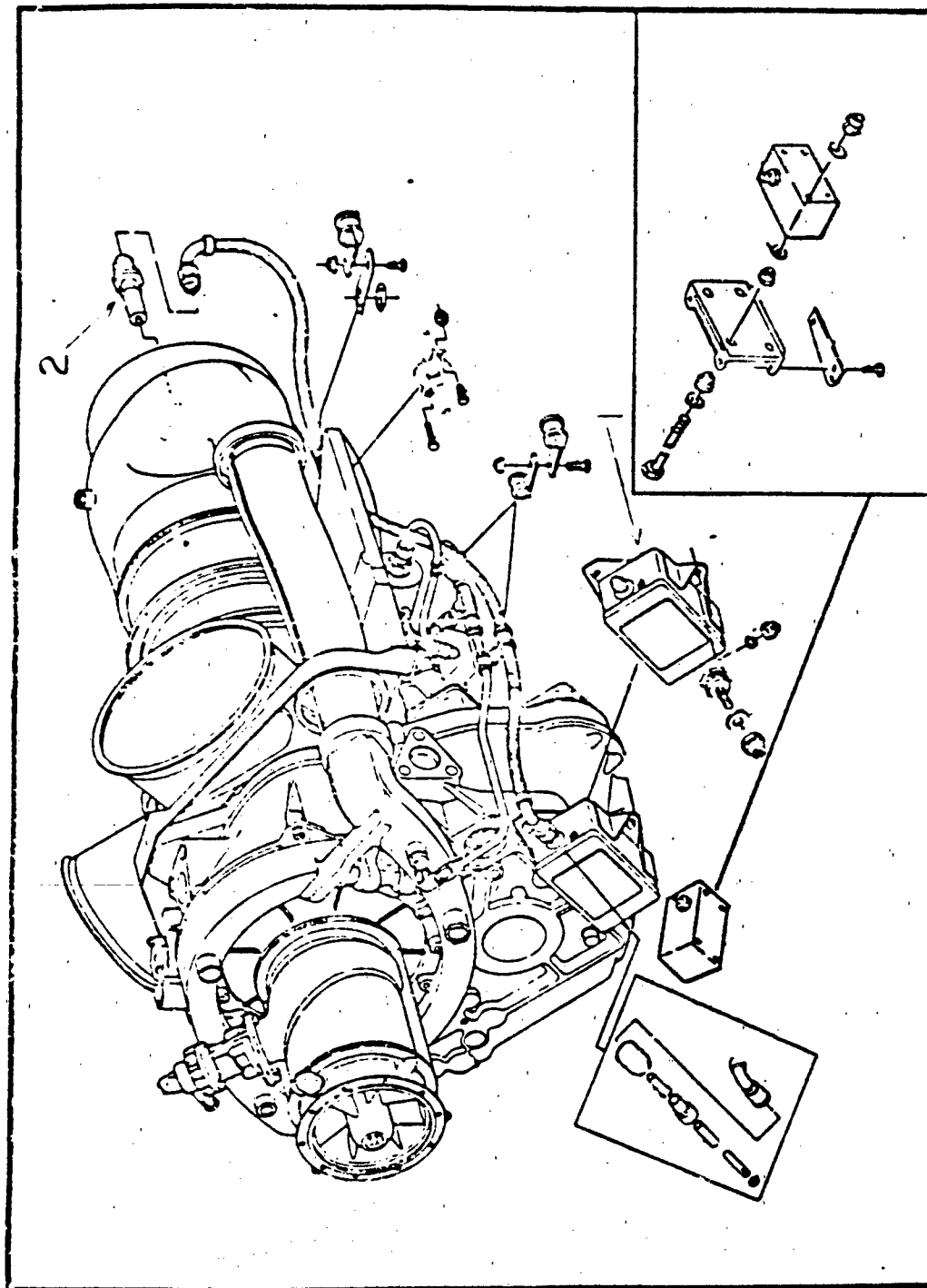


Figure 57 Electrical System Assembly, Engine

OH-53A FLAT RATE DATA  
FUNCTIONAL GROUP 03  
REFERENCE FIGURE 36

ITEM NO.	NOMENCLATURE	FSN/PN	ACTION CODE	MAINT. LEVEL	MEAN	MEDIAN	MODE	STD. DEV.	SAMPLE SIZE
1	Ignition Exciter Assy	29254441186	Replace	Total	1.8	1.9	1.9	0.000	100
				Org.	1.8	1.9	1.9	0.000	100
				Supp.	*	*	*	*	*
2	Gas Turbine Igniter Plus	29259234397	Replace	Total	1.4	1.9	1.9	0.000	100
				Org.	1.3	1.0	1.0	0.000	100
				Supp.	1.5	1.0	1.0	0.000	100
				Total					
				Org.					
				Supp.					
				Total					
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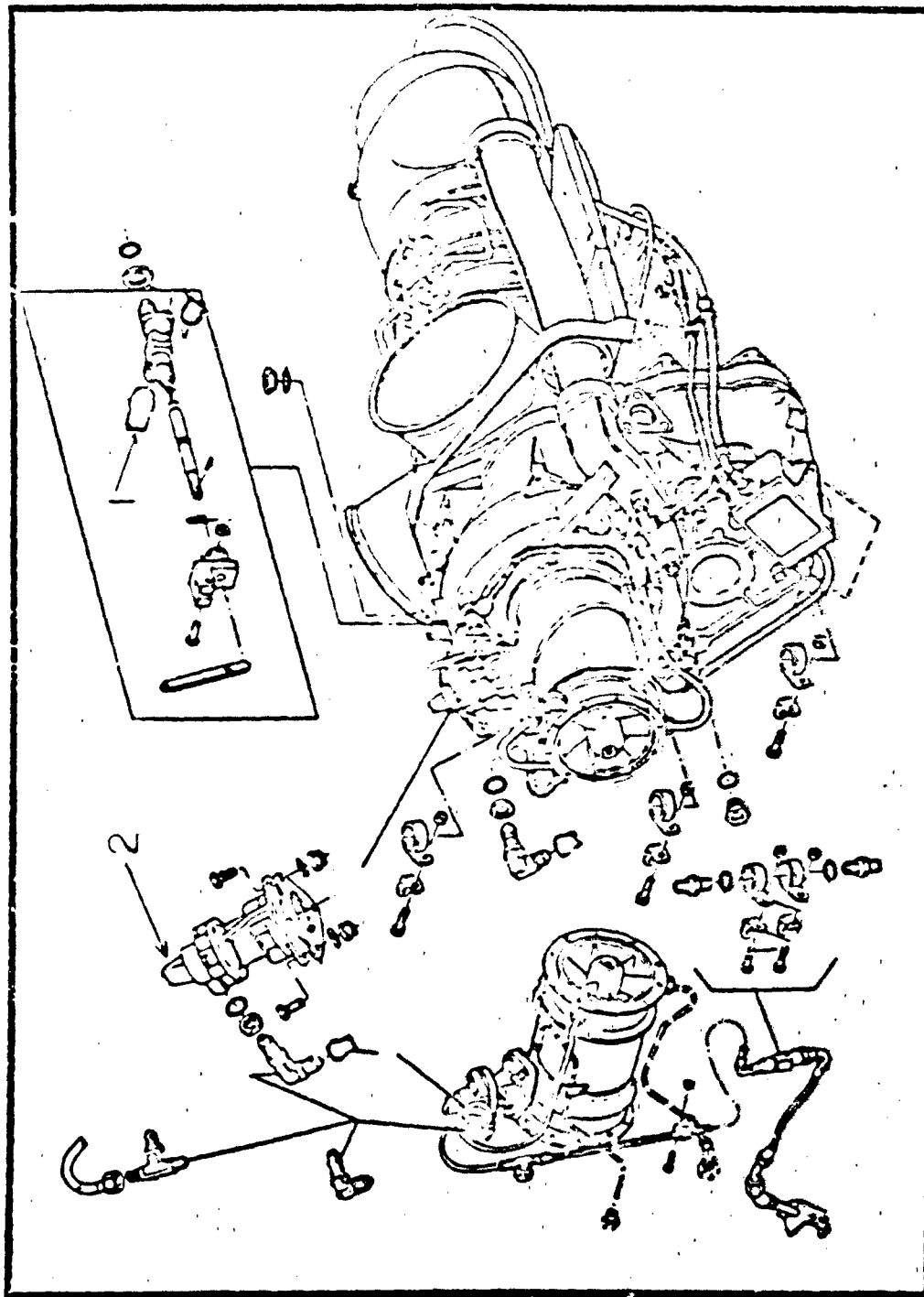


Figure 10 Anti-Icing and Air Bleed System

OH-53A FLAT RATE DATA  
FUNCTIONAL GROUP 03  
REFERENCE FIGURE 37

ITEM NO.	NOMENCLATURE	FSN/PN	ACTION CODE	MAINT. LEVEL	MEAN	MEDIAN	MODE	STD. DEV.	COPIES SIZE
1	Tube Assy	28409243535	Replace	Total	2.6	2.0	2.0	1.000	20
				Org.	2.0	2.0	2.0	1.000	21
				Supp.	3.3	2.0	2.0	1.000	15
			Remove and Install	Total	0.9	1.0	1.0	1.000	7
				Org.	0.7	1.0	1.0	1.000	7
				Supp.	*	*	*	*	*
2	Bleed Air Valve	29154539509	Replace	Total	3.0	3.0	1.0	2.000	40
				Org.	2.3	2.0	1.0	1.000	18
				Supp.	3.8	4.0	6.0	2.000	19
				Total					
				Org.					
				Supp.					
				Total					
				Org.					
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\*Insufficient Data

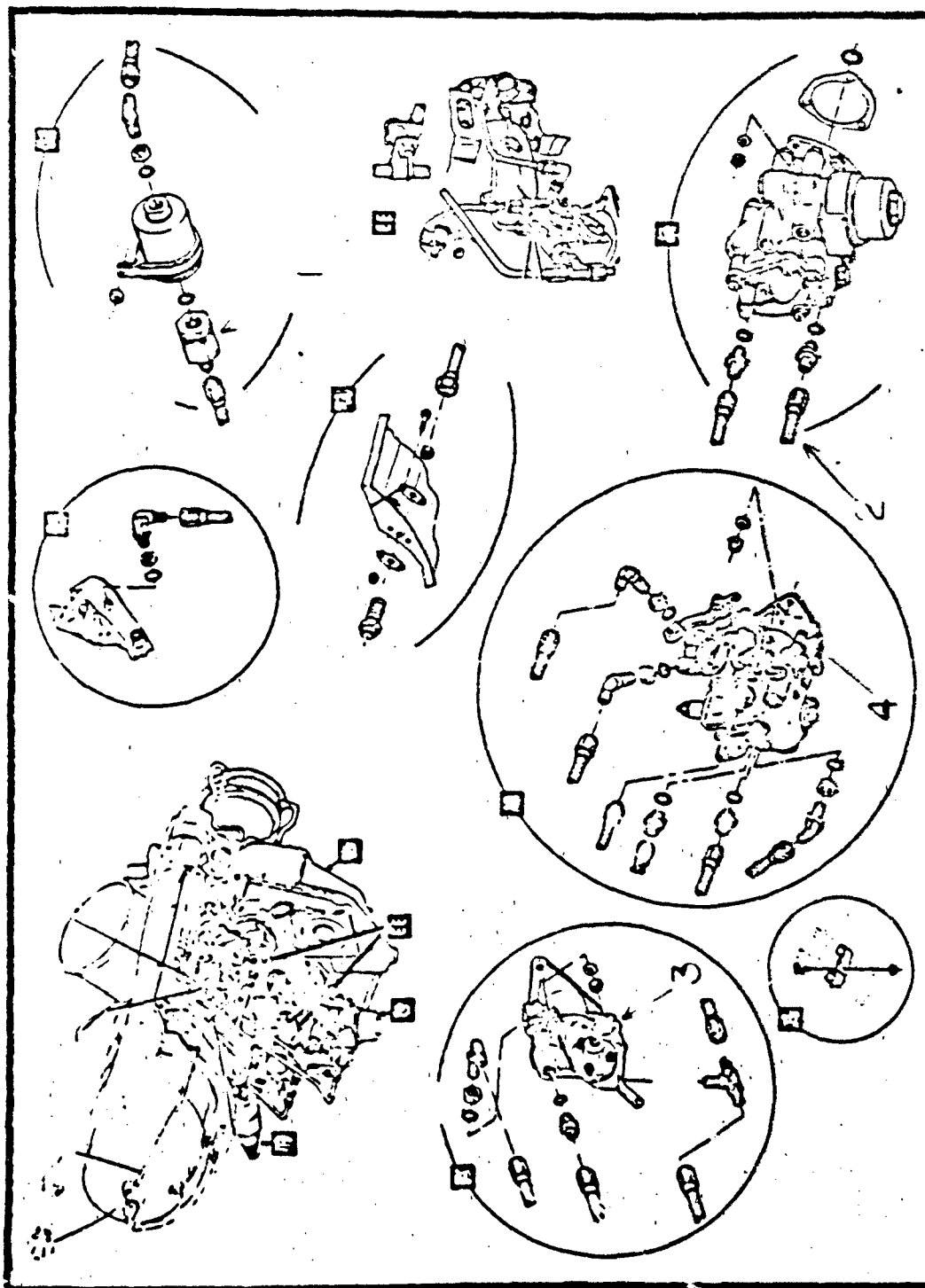


Figure 35 Fuel System, Engine



OH-53A FLAT RATE DATA  
FUNCTIONAL GROUP 03  
REFERENCE FIGURE 38

ITEM NO.	NOMENCLATURE	FSN/PN	ACTION CODE	MAINT. LEVEL	MEAN	MEDIAN	MODE	STD. DEV.	SAMPLE SIZE
1	Check Valve	29159247789	Replace	Total	1.7	1.5	1.0	1.092	164
				Org.	1.6	1.0	1.0	0.992	128
				Supp.	2.3	2.0	1.0	1.131	26
			Remove and Install	Total	1.6	1.0	1.0	1.131	21
				Org.	1.3	1.0	1.0	0.894	17
				Supp.	*	*	*	*	*
2	Tube Assy	29159258831 29159259136	Replace	Total	1.8	1.0	4.0	1.432	21
				Org.	0.9	0.5	0.4	0.784	31
				Supp.	2.3	2.0	4.0	1.518	60
			Checked	Total	0.5	0.5	0.5	0.0	6
				Org.	*	*	*	*	*
				Supp.	0.5	0.5	0.5	0.0	6
	Governor	29151306096	Replace	Total	5.0	4.0	4.0	2.830	243
				Org.	3.8	3.0	4.0	2.399	95
				Supp.	5.7	5.0	8.0	2.822	148
			Adjust	Total	2.0	1.5	1.0	1.541	115
				Org.	1.9	1.5	1.0	1.386	28
				Supp.	2.4	2.0	2.0	1.939	27
			Service	Total	1.5	1.0	1.0	0.759	13
				Org.	*	*	*	*	*
				Supp.	1.4	1.0	1.0	0.651	9
			Initial Inspection	Total	0.7	0.5	0.5	0.274	5
				Org.	*	*	*	*	*
				Supp.	0.7	0.5	0.5	0.271	5
			Final Inspection	Total	2.4	2.0	2.0	1.327	24
				Org.	2.4	2.0	2.0	1.524	10
				Supp.	2.4	2.0	4.0	1.229	14

\*Insufficient Data

OH-53A FLAT RATE DATA  
FUNCTIONAL GROUP 03  
REFERENCE FIGURE 38

ITEM NO.	NOMENCLATURE	FCN/PN	ACTION CODE	MAINT. LEVEL	MEAN	MEDIAN	MODE	STD. DEV.	SAMPLE SIZE
3	Governor(con't)		Remove and Install	Total	1.9	2.0	2.0	0.665	6
				Org.	*	*	*	*	*
				Supp.	1.9	1.5	3.0	0.854	4
4	Fuel Control	29152306095 29151344564 29151347207 29151795587 29157816769 29159247793 29159318357	Replace	Total	6.7	6.0	4.0	3.999	191
				Org.	4.1	4.0	4.0	2.348	62
				Supp.	7.2	8.0	10.0	3.927	125
			Adjust	Total	2.2	1.0	1.0	2.084	23
				Org.	1.1	1.0	1.0	0.729	41
				Supp.	2.8	2.0	2.0	2.222	34
			Repair	Total	1.9	1.0	0.5	1.639	2
				Org.	1.7	0.5	0.5	1.729	8
				Supp.	*	*	*	*	*
			Service	Total	1.6	1.2	1.0	1.021	56
				Org.	1.4	1.2	1.0	0.560	37
				Supp.	2.0	2.0	2.0	1.514	19
			Tested	Total	2.5	2.0	2.0	1.414	8
				Org.	2.3	2.0	2.0	0.503	4
				Supp.	2.8	1.0	1.0	2.062	1
			Checked	Total	1.3	1.0	2.0	0.671	5
				Org.	1.1	1.0	1.0	0.630	4
				Supp.	*	*	*	*	*
			Remove	Total	2.9	2.0	2.0	1.642	8
				Org.	2.0	2.0	2.0	*	3
				Supp.	3.4	1.0	1.0	1.240	2

\*Insufficient Data

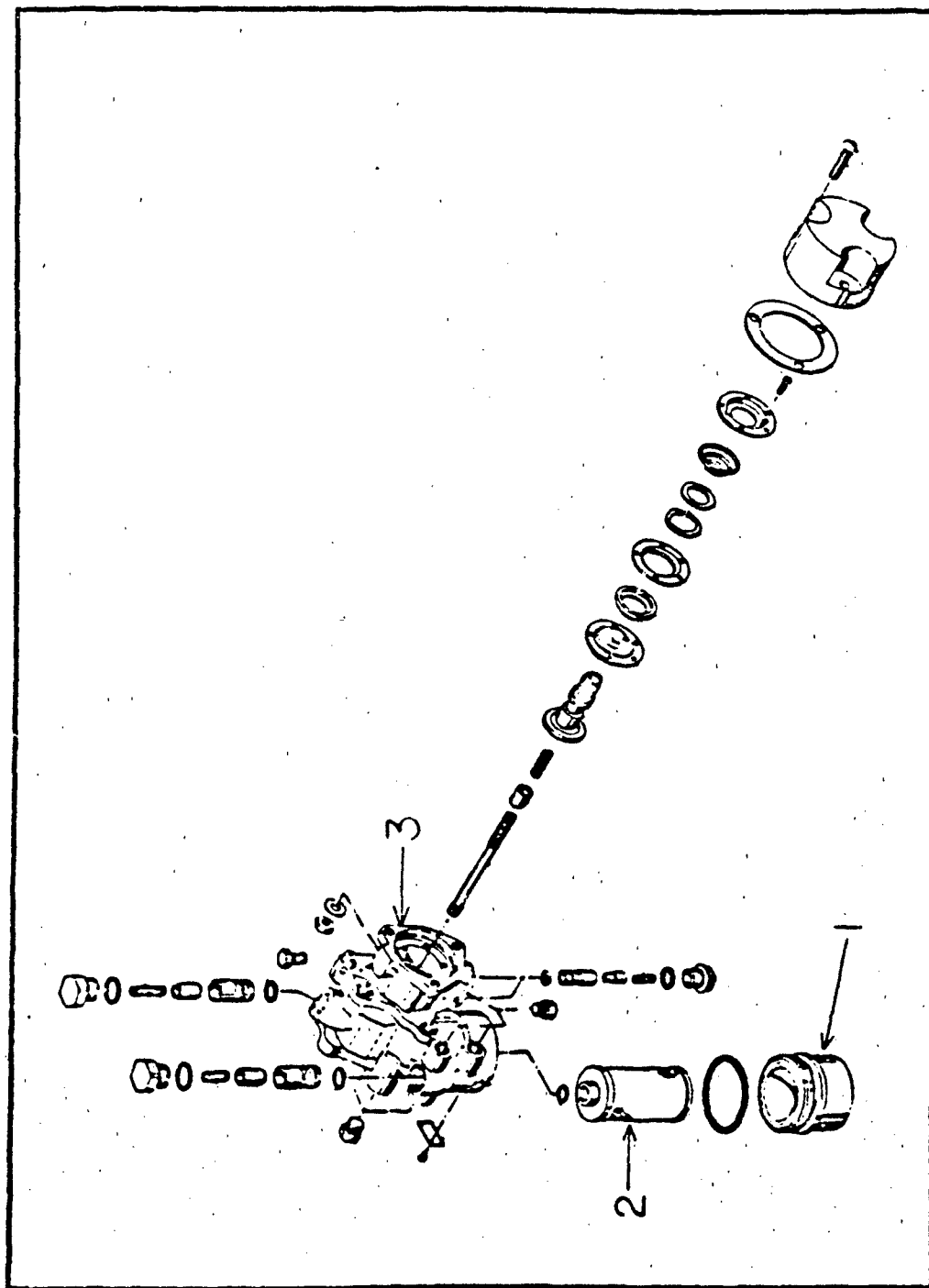


Figure 39 Pump Assembly, Fuel

## OH-53A FLAT RATE DATA

FUNCTIONAL GROUP 03

REFERENCE FIGURE 39

ITEM NO.	NOMENCLATURE	FSN/PN	ACTION CODE	MAINT. LEVEL	MEAN	MEDIAN	MODE	STD. DEV.	SAMPLE SIZE
1	Fuel Filter Housing	29159234457	Replace	Total Org. Supp.	1.4 1.3 *	1.0 1.0 *	1.0 1.0 *	1.243 1.076 *	32 28 *
2	Fuel Filter Element Assy	29159247785	Replace	Total Org. Supp.	1.2 1.2 1.5	1.0 1.0 1.0	1.0 1.0 1.0	0.780 0.764 0.863	980 921 59
			Service	Total Org. Supp.	1.0 1.0 *	1.0 1.0 *	1.0 1.0 *	0.471 0.471 *	12 12 *
			Remove and Install	Total Org. Supp.	1.2 1.2 *	1.0 1.0 *	1.0 1.0 *	0.693 0.693 *	13 13 *
3	Fuel Pump Assy	29159247791	Replace	Total Org. Supp.	4.8 4.6 5.0	4.0 4.0 4.0	8.0 8.0 8.0	2.305 2.635 2.056	23 11 12
				Total Org. Supp.					
				Total Org. Supp.					
				Total Org. Supp.					
				Total Org. Supp.					

\*Insufficient Data

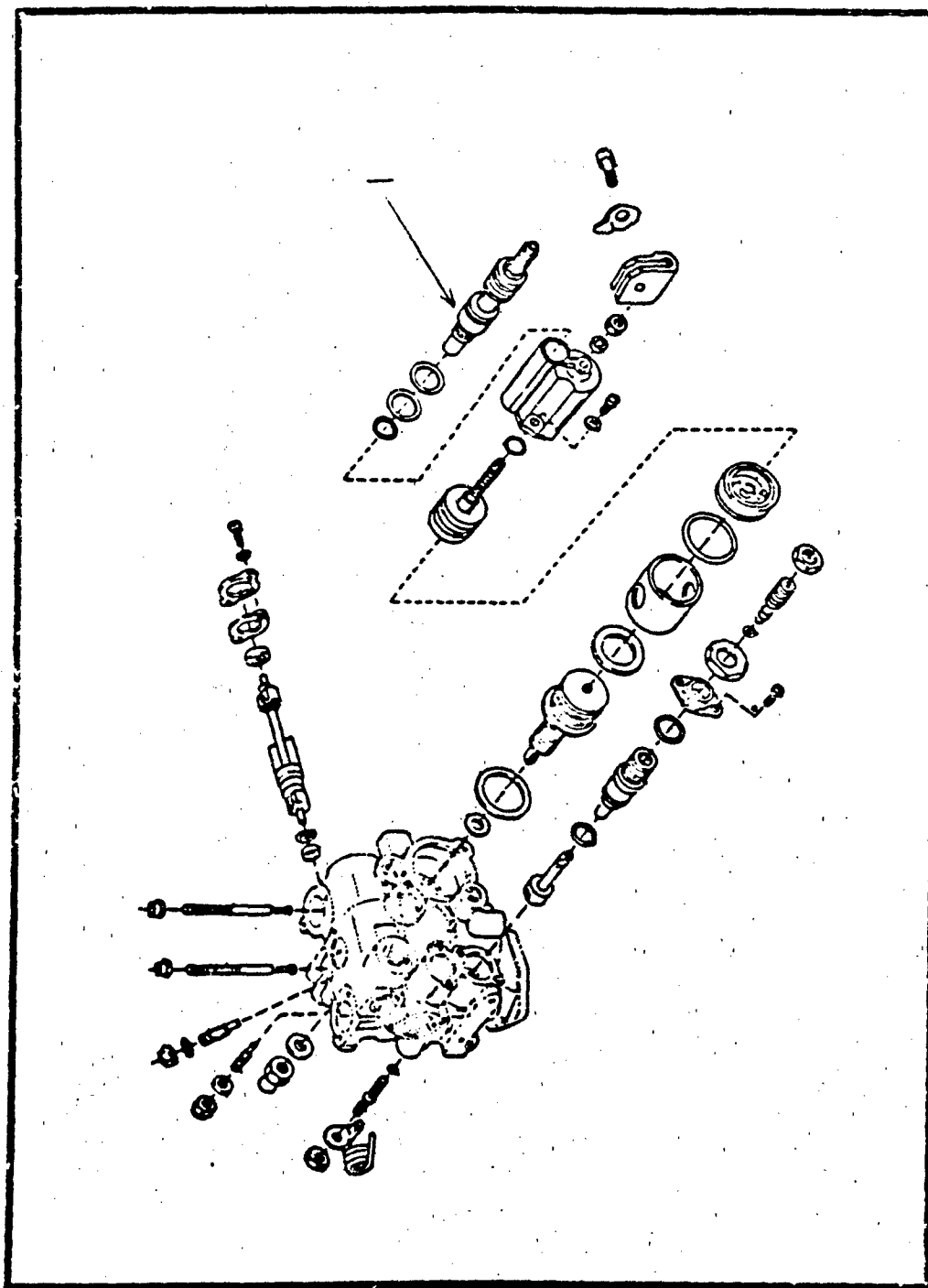


Figure 10 Flow Body Assembly and Related Parts

## OH-53A FLAT RATE DATA

FUNCTIONAL GROUP 03

REFERENCE FIGURE 40

ITEM NO.	NOMENCLATURE	FSN/PN	ACTION CODE	MAINT. LEVEL	MEAN	MEDIAN	MODE	STD. DEV.	SAMPLE SIZE
1	Fuel Filter	29151780714	Replace	Total	1.4	1.0	1.0	1.184	27
				Org.	1.2	1.0	1.0	0.750	24
				Supp.	*	*	*	*	*
			Service	Total	1.4	1.0	1.0	0.558	12
				Org.	1.4	1.0	1.0	0.508	10
				Supp.	*	*	*	*	*
			Tested	Total	1.8	2.0	2.0	0.837	5
				Org.	1.8	1.0	1.0	0.959	4
				Supp.	*	*	*	*	*
			Remove and Install	Total	1.4	1.5	2.0	0.525	10
				Org.	1.3	1.0	1.0	0.546	8
				Supp.	*	*	*	*	*
				Total					
				Org.					
				Supp.					
				Total					
				Org.					
				Supp.					
				Total					
				Org.					
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				Total					
				Org.					
				Supp.					

\*Insufficient Data

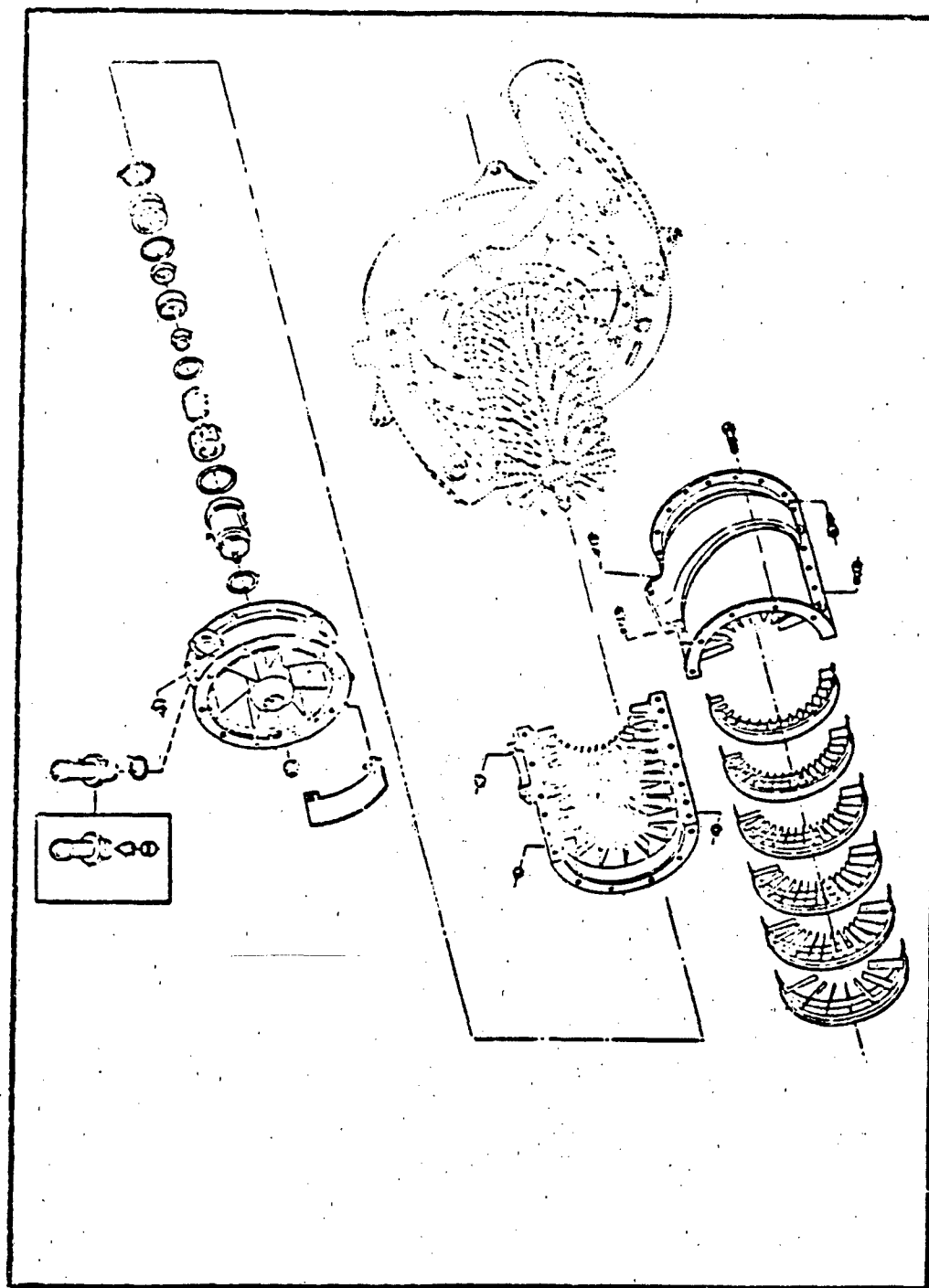


Figure 41 Compressor and Related Parts

## OH-53A FLAT RATE DATA

FUNCTIONAL GROUP 03

REFERENCE FIGURE 41

ITEM NO.	NOMENCLATURE	PSN/PN	ACTION CODE	MAINT. LEVEL	MEAN	MEDIAN	MODE	STD. DEV.	SAMPLE SIZE
--	Compressor	28402424475 28402424476 28402424477	Replace	Total	16.8	16.0	20.0	10.288	146
				Org.	*	*	*	*	*
				Supp.	17.3	16.0	20.0	9.922	137
			Repair	Total	1.8	1.5	0.3	1.573	17
				Org.	1.4	1.0	0.3	1.212	12
				Supp.	*	*	*	*	*
			Service	Total	5.0	4.0	8.0	3.155	37
				Org.	4.2	3.5	8.0	2.510	29
				Supp.	*	*	*	*	*
			Initial Inspection	Total	1.3	1.0	1.0	0.975	5
				Org.	*	*	*	*	*
				Supp.	1.3	1.0	1.0	0.975	5
			Checked	Total	1.4	1.0	1.0	1.030	5
				Org.	*	*	*	*	*
				Supp.	1.6	1.0	1.0	1.250	4
				Total					
				Org.					
				Supp.					
				Total					
				Org.					
				Supp.					
				Total					
				Org.					
				Supp.					

\*Insufficient Data



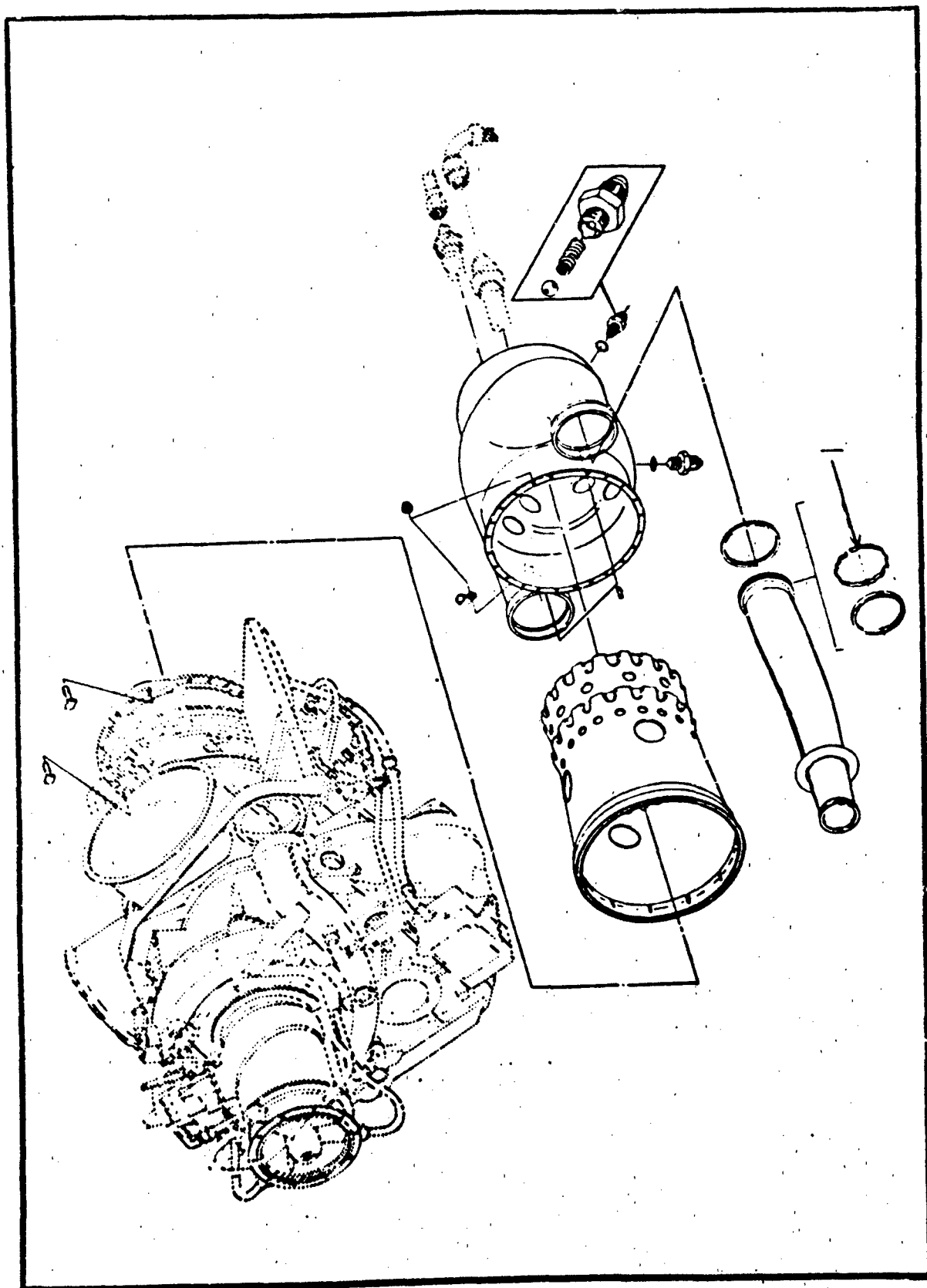


Figure 12 Combustion System

## REFERENCE FIGURE 42

\* 11-1-53 10:45 AM

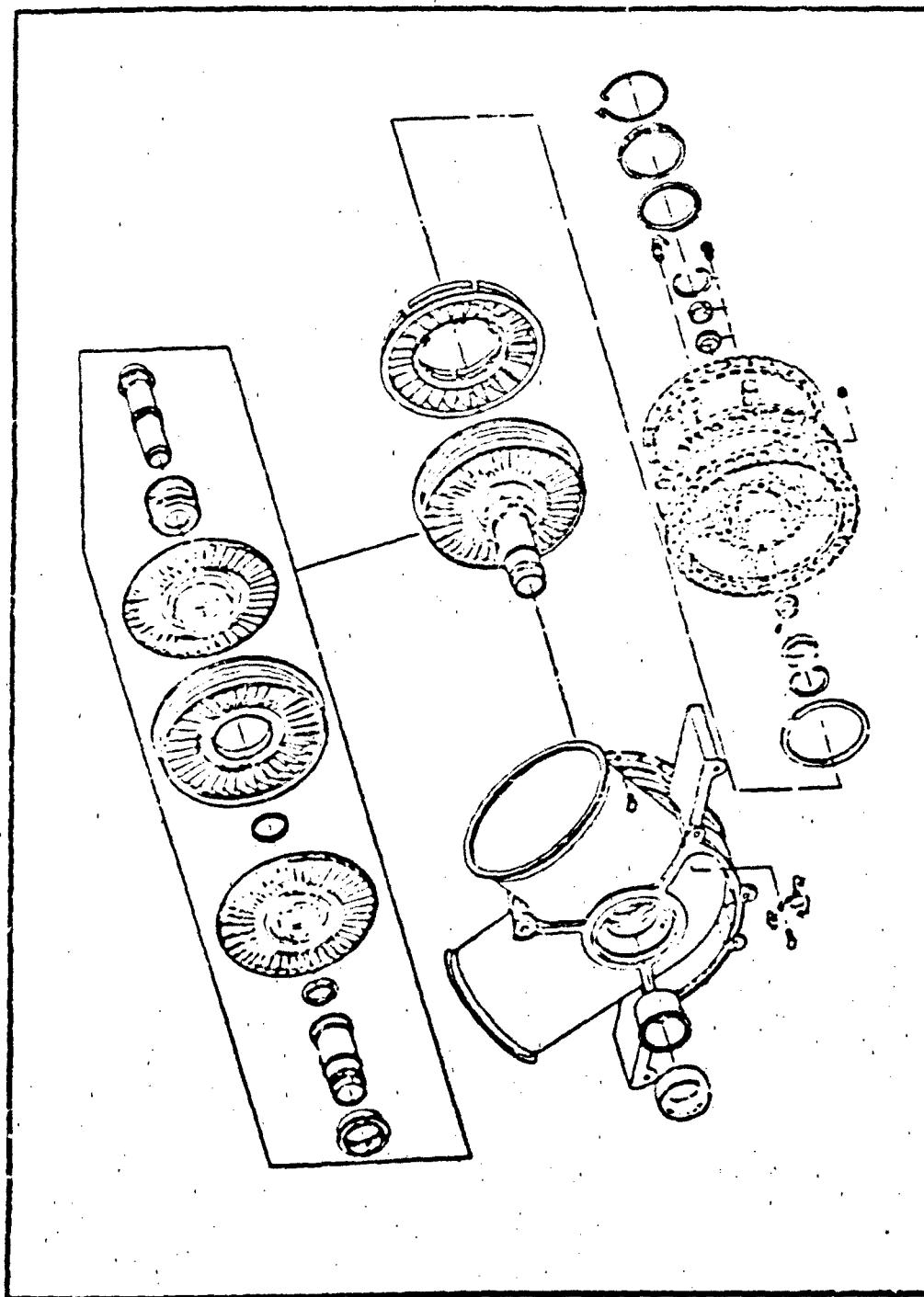


Figure 4-3 Turbine Assembly, Gas (Power Turbine Rotor and Related Parts)

OH-53A FLAT RATE DATA  
 FUNCTIONAL GROUP 03  
 REFERENCE FIGURE 43

ITEM NO.	NOMENCLATURE	FSN/PN	ACTION CODE	MAINT. LEVEL	MEAN	MEDIAN	MODE	STD. DEV.	SAMPLE SIZE
--	Turbine	2PL0131608	Repair	Total	3.4	3.0	2.5	1.286	46
				Org.	*	*	*	*	*
				Supp.	3.5	3.5	2.5	1.286	45
			Initial Inspection	Total	0.7	1.0	1.0	0.367	7
				Org.	*	*	*	*	*
				Supp.	0.7	1.0	1.0	0.367	7
			Final Inspection	Total	0.8	0.5	0.5	0.339	15
				Org.	*	*	*	*	*
				Supp.	0.8	0.5	0.5	0.339	15
				Total					
				Org.					
				Supp.					
				Total					
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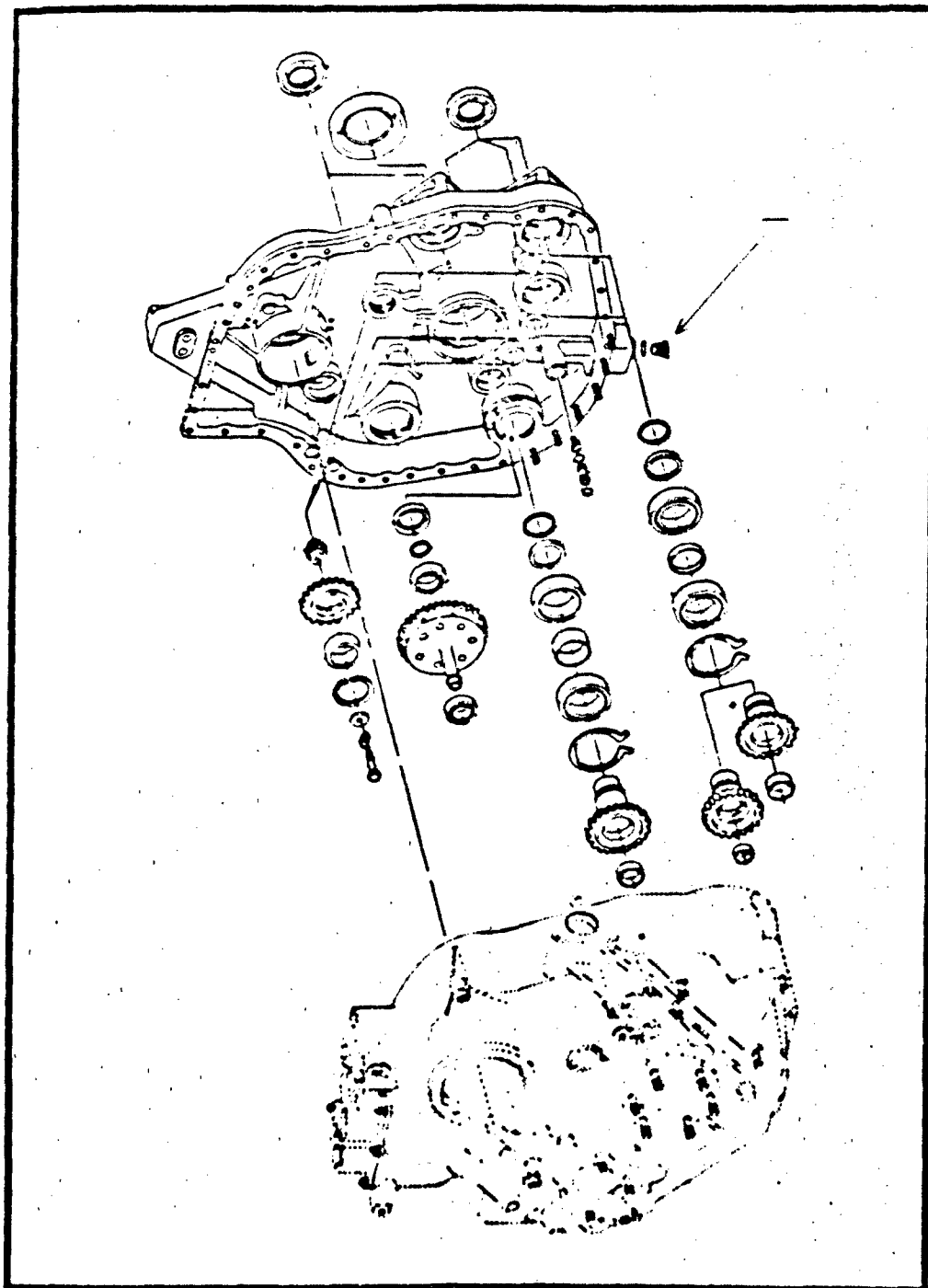


Figure -- Gearbox, Cover, And Related Parts

OH-53A FLAT RATE DATA  
 FUNCTIONAL GROUP 03  
 REFERENCE FIGURE 44

ITEM NO.	NOMENCLATURE	FSN/PN	ACTION CODE	MAINT. LEVEL	MEAN	MEDIAN	MODE	STD. DEV.	SAMPLE SIZE
1	Engine Chip Detector	28409246151	Replace	Total	1.4	1.0	1.0	0.825	40
				Org.	1.4	1.0	1.0	0.796	39
				Supp.					
			Repair	Total	0.9	0.5	1.0	0.409	2
				Org.	0.9	0.3	0.5	0.333	1
				Supp.	1.3	1.0	1.0	0.333	1
			Remove and Install	Total	1.1	1.0	0.5	0.433	35
				Org.	1.1	0.8	0.5	0.559	33
				Supp.					
			Total	Total					
			Org.	Org.					
				Supp.					
				Total					
			Org.	Org.					
				Supp.					
				Total					
			Total	Total					
				Org.					
				Supp.					
			Total	Total					
			Total	Total					
				Org.					
				Supp.					
			Total	Total					
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			Total	Total					
				Org.					
				Supp.					
			Total	Total					

\*Insufficient Data

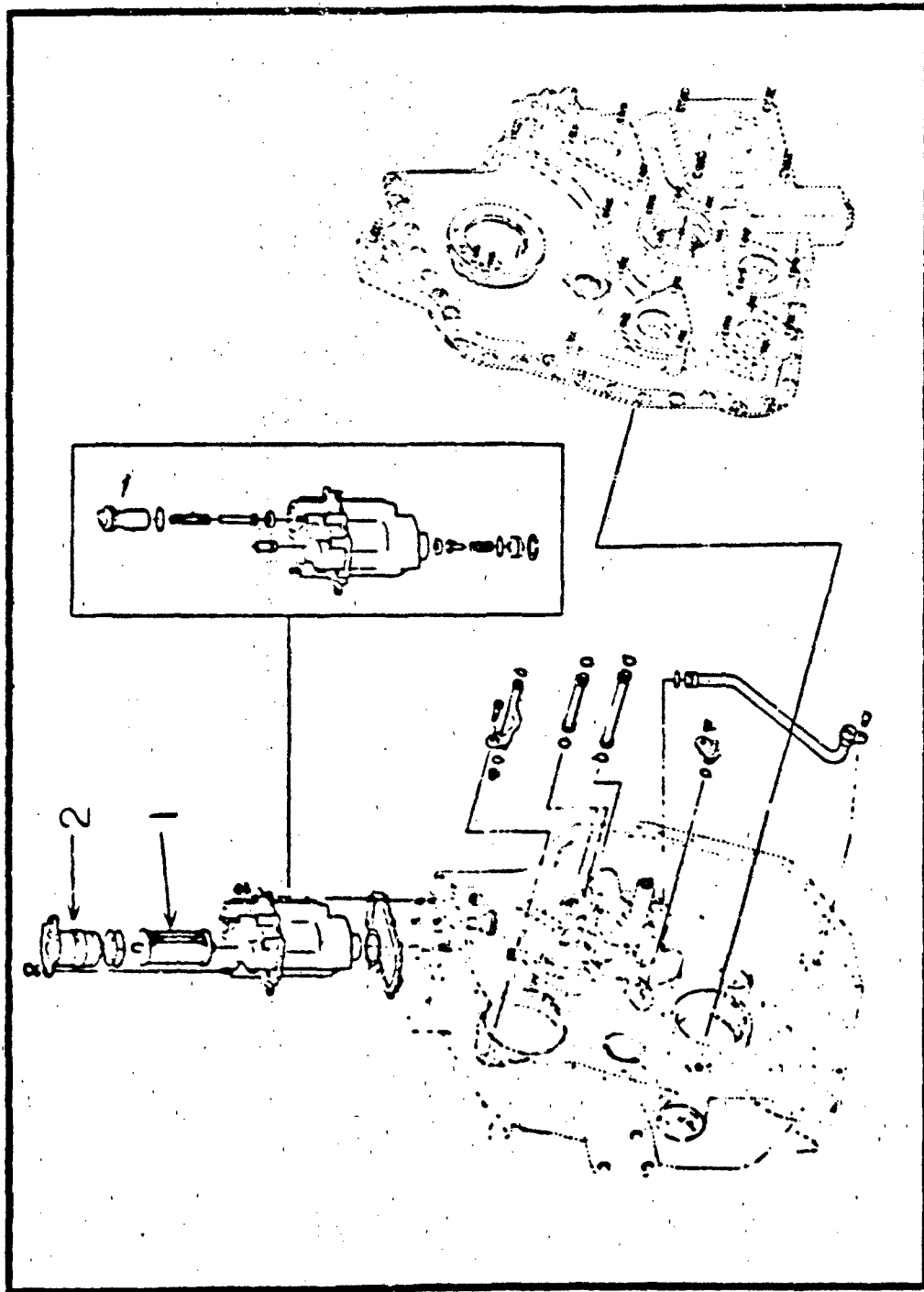


Figure 45 Gearbox Internal Oil System

OH-53A FLAT RATE DATA  
FUNCTIONAL GROUP 03  
REFERENCE FIGURE 45

ITEM NO.	NOMENCLATURE	FSN/FN	ACTION CODE	MAINT. LEVEL	MEAN	MEDIAN	MODE	STD. DEV.	SAMPLE SIZE
1	Filter Element	29450230439	Replace	Total	1.0	1.0	1.0	0.591	289
				Org.	1.0	1.0	1.0	0.546	265
				Supp.	1.1	1.0	1.0	0.657	24
			Remove and Install	Total	1.3	1.0	1.0	0.778	33
				Org.	1.3	1.0	1.0	0.800	31
				Supp.	*	*	*	*	*
2	Oil Filter Cap	28409281985	Replace	Total	1.0	1.0	1.0	0.597	18
				Org.	1.0	1.0	1.0	0.615	17
				Supp.	*	*	*	*	*
				Total					
				Org.					
				Supp.					
				Total					
				Org.					
				Supp.					
				Total					
				Org.					
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\*Insufficient Data



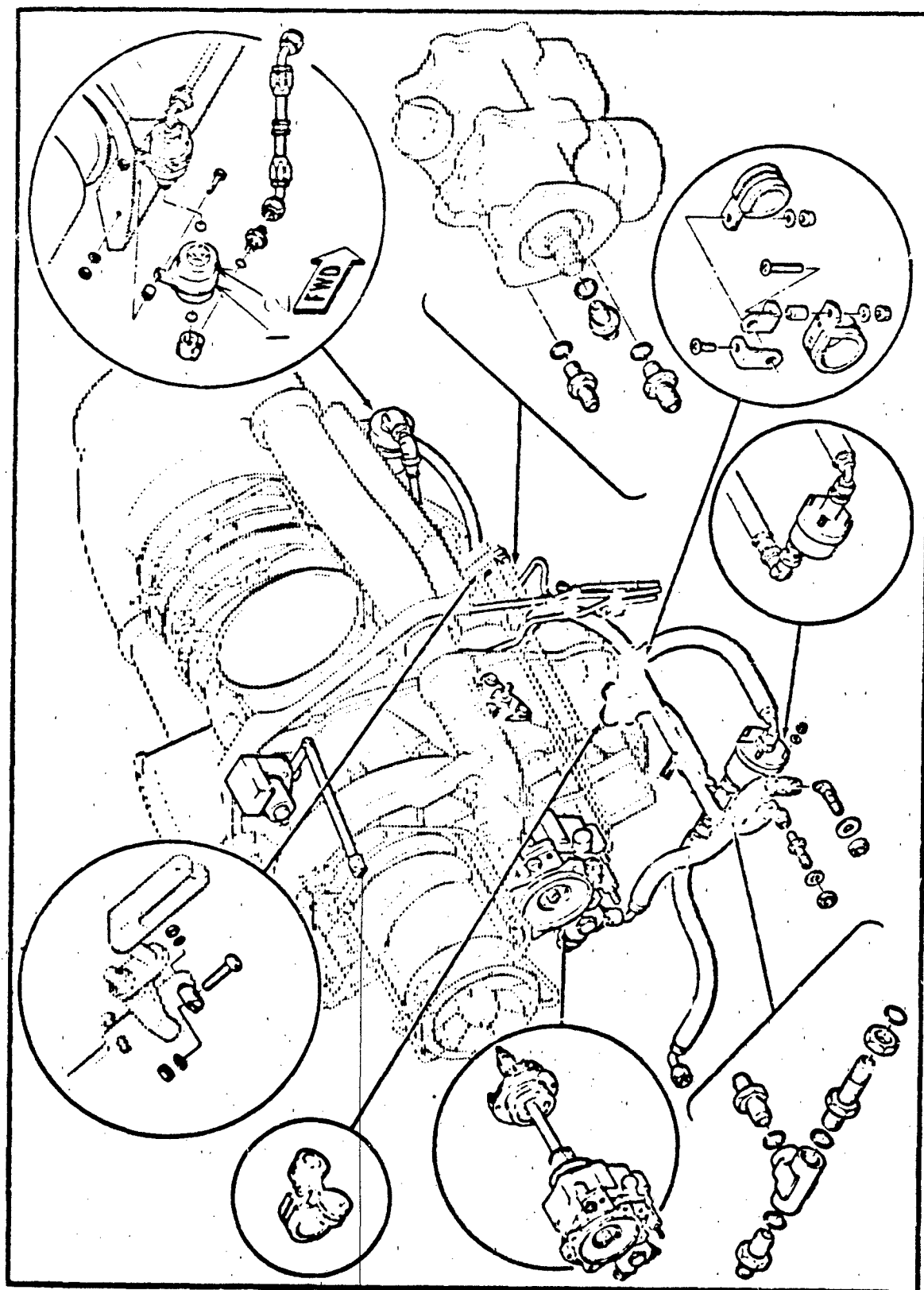


Figure 46 Engine Assembly

OH-53A FLAT RATE DATA  
FUNCTIONAL GROUP 03  
REFERENCE FIGURE 46

ITEM NO.	NOMENCLATURE	FSN/PN	ACTION CODE	MAINT. LEVEL	MEAN	MEDIAN	MODE	STD. DEV.	SAMPLE SIZE
1	Clamp	53402532629	Remove and Install	Total Org. Supp.	1.1 1.1 *	1.0 1.0 *	1.0 1.0 *	0.657 0.657 *	8 8 *
2	Accumulator	29953499255	Replace	Total Org. Supp.	1.9 2.0 1.8	2.0 2.0 1.5	2.0 2.0 2.0	0.967 1.013 0.851	85 59 26
			Remove and Install	Total Org. Supp.	2.1 1.8 *	2.0 2.0 *	2.0 2.0 *	1.028 0.872 *	26 21 *
				Total Org. Supp.					
				Total Org. Supp.					
				Total Org. Supp.					
				Total Org. Supp.					
				Total Org. Supp.					
				Total Org. Supp.					
				Total Org. Supp.					

\*Insufficient Data

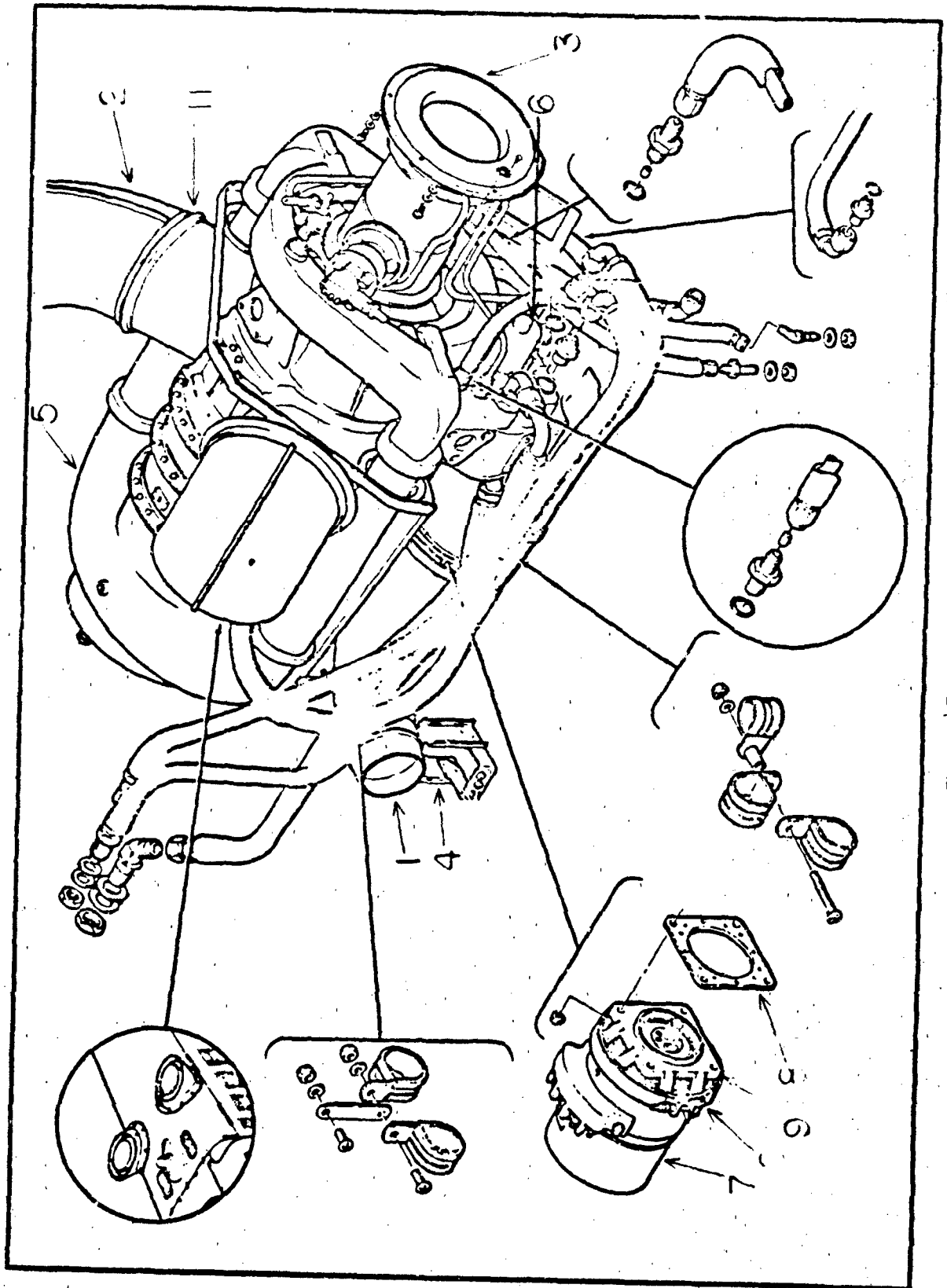


Figure 17 Engine Assembly

## OH-53A FLAT RATE DATA

FUNCTIONAL GROUP 03

REFERENCE FIGURE 47

ITEM NO.	NOMENCLATURE	FSN/PN	ACTION CODE	MAINT. LEVEL	MEAN	MEDIAN	MODE	STD. DEV.	SAMPLE SIZE
1	Duct Assy	15602518753	Replace	Total	1.2	1.0	1.0	0.819	78
				Org.	1.2	1.0	1.0	0.830	74
				Supp.	*	*	*	*	*
			Repair	Total	0.6	0.5	0.5	0.319	6
				Org.	0.5	0.5	0.5	0.292	5
				Supp.	*	*	*	*	*
2	Exhaust Cone	28402229249	Remove and Install	Total	1.0	0.8	0.5	0.653	9
				Org.	0.7	0.5	0.5	0.415	6
				Supp.	*	*	*	*	*
			Replace	Total	2.2	1.5	1.5	1.782	34
				Org.	1.8	1.5	2.0	1.406	29
				Supp.	*	*	*	*	*
			Adjust	Total	1.2	1.0	1.0	0.988	72
				Org.	1.1	1.0	1.0	0.863	57
				Supp.	1.8	1.5	2.0	1.252	15
			Repair	Total	1.3	1.0	1.0	0.831	41
				Org.	1.4	1.0	1.0	0.925	30
				Supp.	1.2	1.0	1.0	0.868	11
			Service	Total	1.2	1.0	1.0	0.779	57
				Org.	1.2	1.0	1.0	0.765	45
				Supp.	1.2	1.0	1.0	0.865	12
			Final Inspection	Total	1.7	1.0	1.0	1.088	7
				Org.	1.7	1.0	1.0	1.088	7
				Supp.	*	*	*	*	*
			Remove and Install	Total	1.6	1.0	1.0	1.060	462
				Org.	1.4	1.0	1.0	0.981	288
				Supp.	1.9	2.0	2.0	1.095	174

\*Insufficient Data

OH-53A FLAT RATE DATA  
FUNCTIONAL GROUP 03  
REFERENCE FIGURE 47

ITEM NO.	NOMENCLATURE	FSN/PN	ACTION CODE	MAINT. LEVEL	MEAN	MEDIAN	MODE	STD. DEV.	SAMPLE SIZE
	Exhaust Cone (con't)		Remove	Total	0.6	0.5	0.5	0.306	27
				Org.	0.7	0.5	0.5	0.304	13
				Supp.	0.6	0.4	0.4	0.316	14
			Install	Total	1.3	1.0	1.0	0.759	20
				Org.	1.3	1.0	1.0	0.686	14
				Supp.	*	*	*	*	*
3	Air Duct Segment	28401507982	Replace	Total	1.9	2.0	2.0	1.286	9
				Org.	1.5	2.0	2.0	0.866	3
				Supp.	2.2	2.0	2.0	1.472	6
4	Support Assy	15602531734	Replace	Total	1.5	1.0	1.0	1.055	16
				Org.	1.5	1.0	1.0	1.055	16
				Supp.	*	*	*	*	*
5	Engine Assy	28401795536 28408097484 28409236023	Replace	Total	36.2	35.0	40.0	18.972	817
				Org.	15.0	14.0	20.0	10.975	67
				Supp.	37.8	37.0	40.0	18.294	738
			Service	Total	2.2	1.0	1.0	2.539	2149
				Org.	2.0	1.0	1.0	2.491	1907
				Supp.	3.3	2.6	1.0	2.622	242
			Initial Inspection	Total	1.2	1.0	0.5	1.110	221
				Org.	1.9	0.5	0.5	1.727	20
				Supp.	1.1	1.0	1.0	1.008	201
			Final Inspection	Total	1.2	1.0	1.0	0.894	219
				Org.	*	*	*	*	*
				Supp.	1.2	1.0	1.0	0.897	213
	Tested			Total	1.9	1.5	1.0	1.203	31
				Org.	1.2	1.0	1.0	0.970	39
				Supp.	2.3	2.0	2.0	1.137	52

\*Insufficient Data

## OH-53A FLAT RATE DATA

## FUNCTIONAL GROUP 03

## REFERENCE FIGURE 47

ITEM NO.	NOMENCLATURE	FSN/PN	ACTION CODE	MAINT. LEVEL	MEAN	MEDIAN	MODE	STD. DEV.	SAMPLE SIZE
	Engine Assy (con't)		Remove and Install	Total	6.5	4.0	1.0	6.017	188
				Org.	1.3	1.0	1.0	0.904	40
				Supp.	7.8	8.0	8.0	5.998	145
			Checked	Total	0.7	0.5	0.3	0.505	79
				Org.	0.6	0.4	0.3	0.418	67
				Supp.	3.1	2.0	1.0	2.252	22
6	Tachometer Generator	66201792175	Remove	Total	12.2	10.0	25.0	8.328	65
				Org.	*	*	*	*	*
				Supp.	13.2	15.0	25.0	8.133	53
			Install	Total	8.5	6.0	6.0	6.359	28
				Org.	*	*	*	*	*
				Supp.	8.9	6.0	6.0	5.904	24
			Replace	Total	1.7	1.5	1.0	0.947	338
				Org.	1.7	1.5	1.0	0.912	309
				Supp.	*	*	*	*	*
			Repair	Total	1.6	1.5	2.0	0.996	12
				Org.	1.4	2.0	2.0	0.773	7
				Supp.	*	*	*	*	*
7	Starter Generator	29250813547	Remove and Install	Total	1.5	1.0	1.0	1.101	17
				Org.	1.6	1.0	1.0	1.129	15
				Supp.	*	*	*	*	*
			Remove	Total	1.0	0.6	0.5	0.675	5
				Org.	1.0	0.6	0.5	0.675	5
				Supp.	*	*	*	*	*
			Replace	Total	2.7	2.0	2.0	1.875	651
				Org.	2.5	2.0	2.0	1.683	604
				Supp.	4.5	4.0	4.0	2.981	47

\*Insufficient Data

## OH-53A FLAT RATE DATA

## FUNCTIONAL GROUP 03

## REFERENCE FIGURE 47

ITEM NO.	NOMENCLATURE	FSN/PN	ACTION CODE	MAINT. LEVEL	MEAN	MEDIAN	MODE	STD. DEV.	SAMPLE SIZE
Starter Generator (con't)			Adjust	Total	1.2	1.0	1.0	0.613	9
				Org.	1.1	1.0	1.0	0.692	7
				Supp.	*	*	*	*	*
			Repair	Total	2.5	2.0	1.0	2.450	37
				Org.	1.2	1.0	0.5	0.907	15
				Supp.	2.9	2.0	2.0	2.521	19
			Service	Total	2.0	1.5	1.0	1.534	36
				Org.	1.8	1.5	2.0	1.581	26
				Supp.	2.3	2.0	1.0	1.418	10
			Initial Inspection	Total	0.7	0.5	1.0	0.385	19
				Org.	*	*	*	*	*
				Supp.	0.7	0.5	1.0	0.400	16
			Final Inspection	Total	0.7	0.5	0.5	0.601	21
				Org.	*	*	*	*	*
				Supp.	0.7	0.5	0.5	0.606	20
			Tested	Total	2.0	2.0	2.0	1.458	11
				Org.	*	*	*	*	*
				Supp.	1.4	1.0	0.5	0.905	8
			Remove and Install	Total	2.3	2.0	2.0	1.421	242
				Org.	2.2	2.0	2.0	1.356	178
				Supp.	2.5	2.0	2.0	1.519	64
			Checked	Total	1.5	1.0	1.0	1.223	14
				Org.	*	*	*	*	*
				Supp.	1.0	1.0	1.0	0.500	7
			Remove	Total	1.3	1.1	1.0	0.468	35
				Org.	1.3	1.5	1.0	0.472	31
				Supp.	*	*	*	*	*

\*Insufficient Data

## OH-53A FLAT RATE DATA

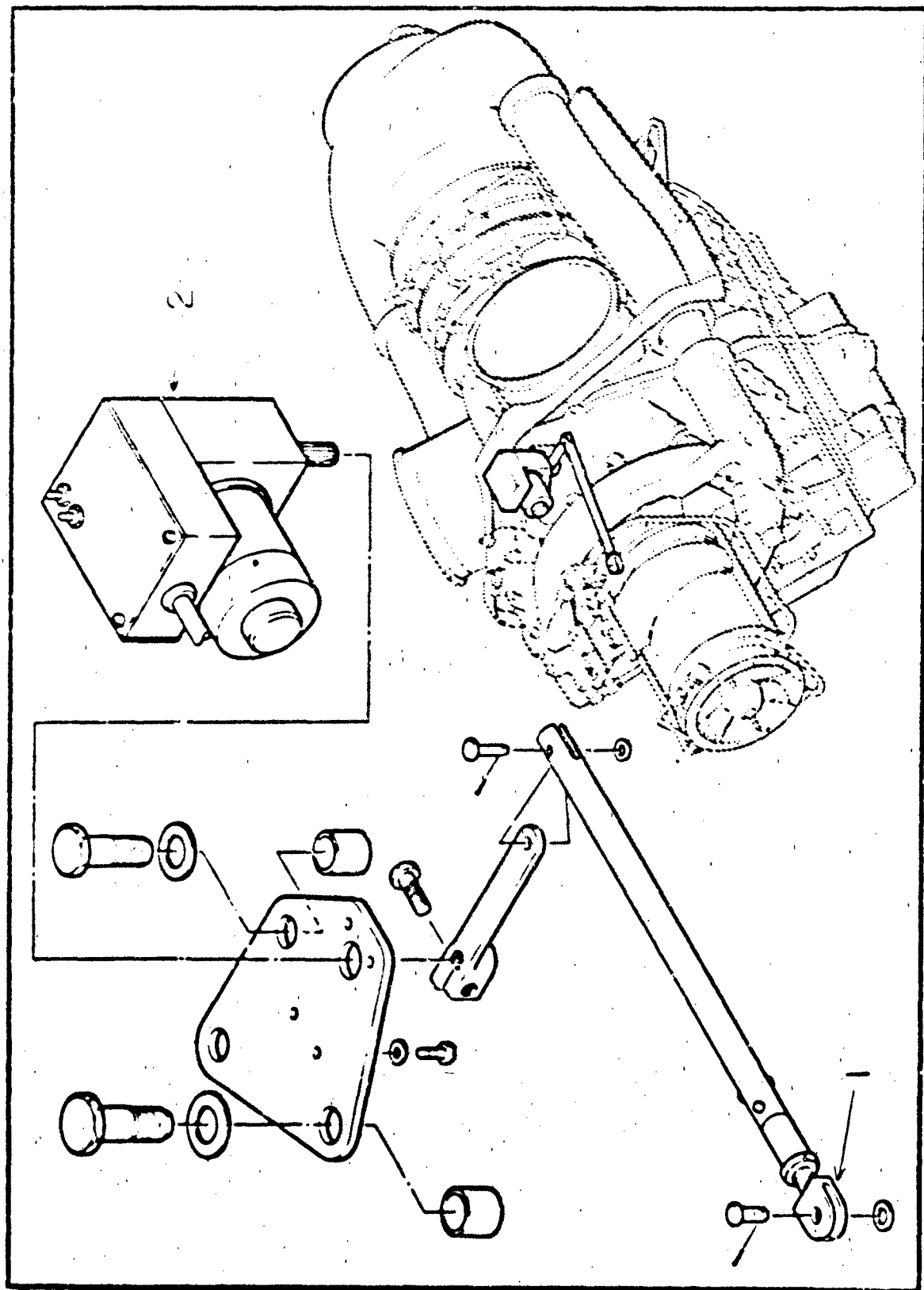
## FUNCTIONAL GROUP 03

## REFERENCE FIGURE 47

ITEM NO.	NOMENCLATURE	FSN/PN	ACTION CODE	MAINT. LEVEL	MEAN	MEDIAN	MODE	STD. L.V.	SAMPLE SIZE
	Starter Generator (con't.)		Install	Total Org. Supp.	1.8 1.9 1.1	1.5 1.5 1.0	1.0 1.0 1.0	1.016 0.957 0.558	24 16 7
8	Gasket	53302375653	Replace	Total Org. Supp.	2.0 2.0 1.8	2.0 2.0 1.2	1.0 1.0 1.0	1.260 1.253 1.143	67 44 22
9	End Bell	61150571815	Replace	Total Org. Supp.	1.8 1.8 *	1.0 1.0 *	1.0 1.0 *	1.193 1.406 *	8 6 *
10	Clamp	53400578308	Replace	Total Org. Supp.	2.3 2.3 *	2.0 1.5 *	1.0 1.0 *	1.405 1.524 *	17 13 *
11	Exhaust Clamp	53401369872 53401788000	Replace	Total Org. Supp.	1.4 1.3 *	1.0 1.0 *	1.0 1.0 *	0.687 0.666 *	69 63 *
			Adjust	Total Org. Supp.	1.1 0.9 *	1.0 1.0 *	1.0 1.0 *	0.535 0.418 *	7 5 *
			Repair	Total Org. Supp.	1.5 1.4 *	1.5 1.0 *	2.0 1.0 *	0.500 0.480 *	5 4 *
			Remove and Install	Total Org. Supp.	1.6 1.1 2.0	1.0 0.5 2.0	2.0 0.5 2.0	1.079 0.744 1.178	18 8 10
				Total Org. Supp.					

\*Insufficient Data





OH-58A FLAT RATE DATA  
 FUNCTIONAL GROUP 03  
 REFERENCE FIGURE 48

ITEM NO.	NOMENCLATURE	FSN/PN	ACTION CODE	MAINT. LEVEL	MEAN	MEDIAN	MODE	STD. DEV.	SAMPLE SIZE
1	Rod End Clevis	53401317324	Replace	Total	0.8	1.0	1.0	0.259	8
				Org.	0.8	1.0	1.0	0.274	5
				Supp.	0.8	1.0	1.0	0.292	3
2	Rotary Actuator	16801791232	Replace	Total	2.8	3.0	2.0	1.396	72
				Org.	2.7	2.5	2.0	1.365	67
				Supp.	*	*	*	*	*
			Remove and Install	Total	1.1	1.0	1.0	0.567	7
				Org.	1.1	1.0	1.0	0.567	7
				Supp.	*	*	*	*	*
				Total					
				Org.					
				Supp.					
				Total					
				Org.					
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				Total					
				Org.					
				Supp.					

\*Insufficient Data

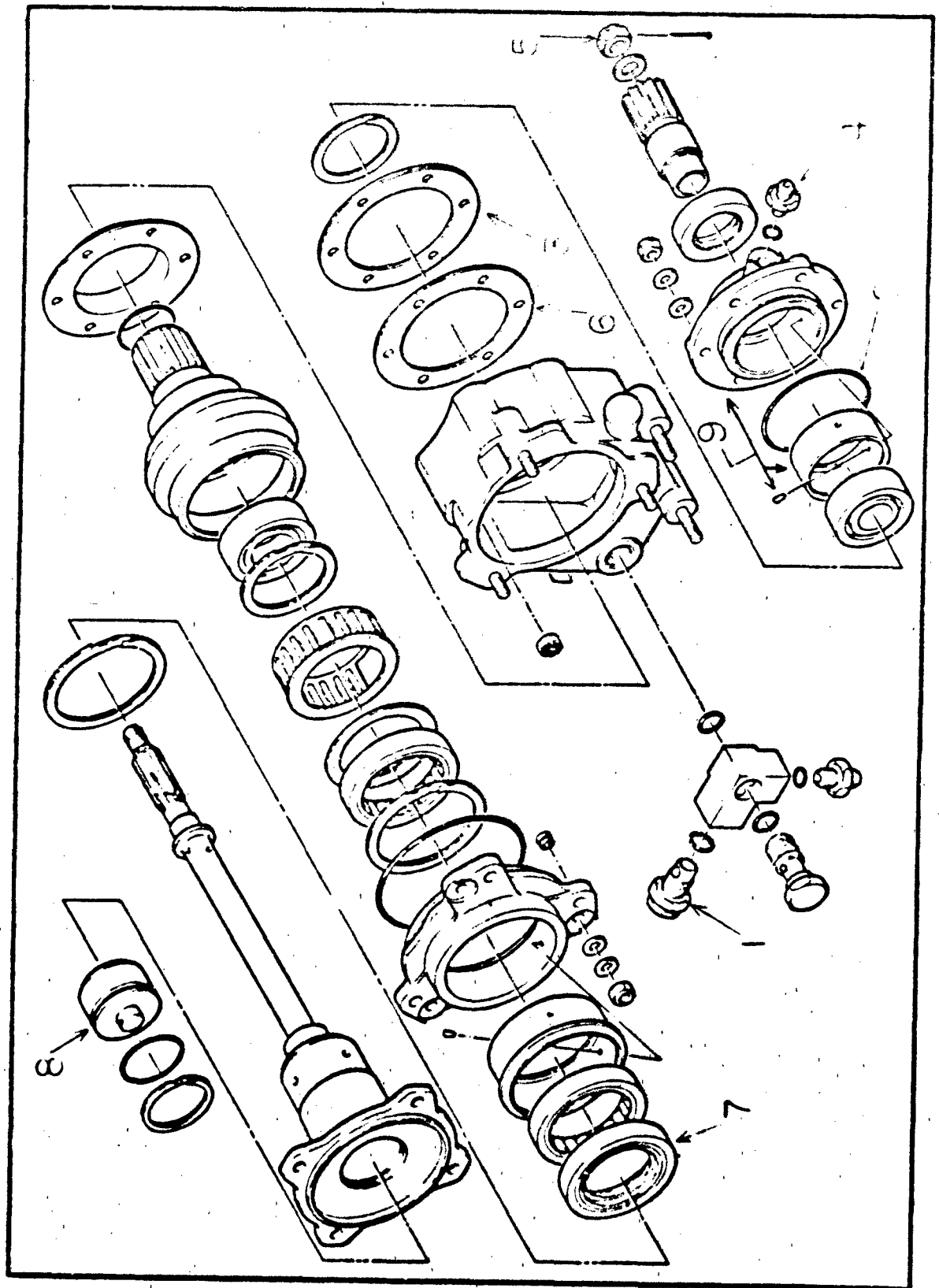


Figure 49 Franchise Assembly and Installation

OH-53A FLAT RATE DATA  
FUNCTIONAL GROUP 03  
REFERENCE FIGURE 49

ITEM NO.	NOMENCLATURE	PSN/PN	ACTION CODE	MAINT. LEVEL	MEAN	MEDIAN	MODE	STD. DEV.	SAMPLE SIZE
1	Drain Plug	53401359768	Replace	Total Org. Supp.	1.3 1.3 1.6	1.0 1.0 1.5	1.0 1.0 2.0	0.945 0.972 0.770	63 54 9
2	Packing	53306181657 53307264153 53307524153 53307528270 53308039886 53308077931	Replace	Total Org. Supp.	1.7 1.1 1.9	1.0 0.5 1.0	1.0 0.5 1.0	1.709 1.140 1.745	1191 226 961
3	Shim	16151225124	Replace	Total Org. Supp.	2.3 1.3 2.6	2.0 1.0 2.0	2.0 1.0 2.0	2.236 1.260 2.387	63 15 48
4	Tube Reducer	47308125036	Replace	Total Org. Supp.	1.9 * 2.2	1.0 * 2.0	1.0 * 1.0	1.335 * 1.468	10 * 7
5	Nut	53101671288 53102092816	Replace	Total Org. Supp.	0.9 * 2.0	1.0 * 2.0	0.5 * 2.0	0.489 * 0.0	21 * 2
6	Gasket	53301317278	Replace	Total Org. Supp.	1.4 1.1 1.5	1.0 0.6 1.0	0.5 0.5 1.0	1.045 0.746 1.087	132 22 110
7	Seal	53301361500 53301794032	Replace	Total Org. Supp.	3.7 4.2 3.7	3.0 4.0 3.0	2.0 4.0 2.0	2.624 2.838 2.577	602 95 507
8	Plug Assy	16152310444	Replace	Total Org. Supp.	1.1 1.1 *	1.0 1.0 *	1.0 2.0 *	0.614 0.644 *	12 9 *

\*Insufficient Data

OH-53A FLAT RATE DATA  
FUNCTIONAL GROUP 03  
REFERENCE FIGURE 49

ITEM NO.	NOMENCLATURE	FSN/PN	ACTION CODE	MAINT. LEVEL	MEAN	MEDIAN	MODE	STD. DEV.	SAMPLE SIZE
9	Bearing Housing Assy	16151216428	Replace	Total	4.3	3.0	3.0	2.665	26
				Org.	*	*	*	*	*
			Remove and Install	Supp.	4.0	3.0	3.0	2.185	22
--	Freewheeling Assy	16151514240		Total	3.7	4.0	6.0	1.664	11
				Org.	*	*	*	*	*
				Supp.	3.7	4.0	6.0	1.664	11
			Replace	Total	10.1	8.0	8.0	6.498	277
				Org.	4.6	3.5	6.0	3.361	29
				Supp.	10.7	9.5	8.0	6.459	244
			Repair	Total	5.8	4.5	10.0	4.072	27
				Org.	*	*	*	*	*
				Supp.	6.1	4.0	10.0	4.181	24
			Service	Total	1.8	1.0	2.0	1.816	12
				Org.	1.4	0.5	0.5	1.361	7
				Supp.	2.3	1.0	1.0	2.387	5
			Initial Inspection	Total	0.8	0.5	0.5	0.501	29
				Org.	*	*	*	*	*
				Supp.	0.8	0.5	0.5	0.501	29
			Final Inspection	Total	0.8	0.5	0.5	0.459	28
				Org.	*	*	*	*	*
				Supp.	0.7	0.5	0.5	0.393	27
			Tested	Total	2.0	2.0	1.0	1.118	9
				Org.	*	*	*	*	*
				Supp.	2.0	2.0	1.0	1.155	7
			Remove and Install	Total	7.4	6.0	4.0	5.651	82
				Org.	2.1	2.0	3.0	1.303	13
				Supp.	8.5	7.0	10.0	5.651	67

\*Insufficient Data

# OH-53A FLAT RATE DATA

## FUNCTIONAL GROUP 03

### REFERENCE FIGURE 49

ITEM NO.	NOMENCLATURE	FSN/PN	ACTION CODE	MAINT LEVEL	MEAN	MEDIAN	MODE	STD. DEV.	SAMPLE SIZE
--	Freewheeling Assy (Cont'd)		Checked	Total	1.3	1.0	1.0	0.728	11
				Org.	0.9	1.0	1.0	0.252	4
				Supp.	1.5	1.0	1.0	0.815	7
			Remove	Total	3.4	4.0	1.0	2.095	8
				Org.	*	*	*	*	*
				Supp.	3.4	4.0	1.0	2.095	8
			Install	Total	3.4	4.0	4.0	1.654	9
				Org.	*	*	*	*	*
				Supp.	3.4	4.0	4.0	1.654	9
				Total					
				Org.					
				Supp.					
				Total					
				Org.					
				Supp.					
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## OH-53A FLAT RATE DATA

FUNCTIONAL GROUP 03

REFERENCE FIGURE 53

ITEM NO.	NOMENCLATURE	FSN/PN	ACTION CODE	MAINT. LEVEL	MEAN	MEDIAN	MODE	STD. DEV.	SAMPLE SIZE
4	Oil Tank (con't)		Remove and Install	Total	2.9	2.5	3.0	1.957	47
				Org.	2.6	2.0	1.0	1.943	32
				Supp.	3.6	3.0	4.0	1.866	15
			Remove	Total	2.0	2.0	1.0	1.188	9
				Org.	2.1	1.0	1.0	1.429	6
				Supp.	*	*	*	*	*
5	Oil Drain	28401316399	Install	Total	2.0	2.0	2.0	0.354	5
				Org.	2.2	2.0	2.0	0.292	3
				Supp.	1.8	1.5	2.0	0.361	2
			Repair	Total	1.3	1.0	2.0	0.671	5
				Org.	*	*	*	*	*
				Supp.	1.1	1.0	1.0	0.630	4
			Remove and Install	Total	1.0	0.5	0.5	0.972	8
				Org.	0.7	0.5	0.5	0.623	6
				Supp.	*	*	*	*	*
6	Switch	66801795187	Replace	Total	2.5	2.0	4.0	1.378	6
				Org.	2.2	2.0	1.0	1.304	5
				Supp.	*	*	*	*	*
7	Indicator	66804548109	Replace	Total	1.5	1.0	1.0	0.931	9
				Org.	1.3	1.0	1.0	0.801	8
				Supp.	*	*	*	*	*
8	Packing	53308063246	Replace	Total	1.0	1.0	1.0	0.238	7
				Org.	1.0	1.0	1.0	0.292	5
				Supp.	*	*	*	*	*
9	Temperature Transmitter	66855809651	Replace	Total	1.5	1.0	1.0	0.842	43
				Org.	1.5	1.0	1.0	0.863	40
				Supp.	*	*	*	*	*

\*Insufficient Data



## OH-53A FLAT PATE DATA

## FUNCTIONAL GROUP 03

## REFERENCE FIGURE 53

ITEM NO.	NOMENCLATURE	FSN/PN	ACTION CODE	MAINT LEVEL	MEAN	MEDIAN	MODE	STD. DEV.	SAMPLE SIZE
10	Packing	53309905194	Replace	Total Org. Supp.	0.9 0.9 0.8	1.0 1.0 1.0	1.0 1.0 1.0	0.424 0.470 0.361	15 10 5
--	Engine Oil System		Replace	Total Org. Supp.	1.2 1.2 *	1.0 1.0 *	1.0 1.0 *	0.616 0.561 *	18 16 *
			Adjust	Total Org. Supp.	1.3 1.3 *	1.0 1.0 *	1.0 1.0 *	1.012 1.020 *	24 22 *
			Repair	Total Org. Supp.	1.2 1.0 1.5	1.0 1.0 0.5	1.0 1.0 2.0	1.067 0.703 1.445	14 8 6
			Service	Total Org. Supp.	0.6 0.6 1.0	0.5 0.5 1.0	0.5 0.5 1.0	0.497 0.494 0.607	3039 2997 42
			Initial Inspection	Total Org. Supp.	0.7 0.7 1.3	0.5 0.5 1.0	0.5 0.5 1.5	0.391 0.351 0.294	34 30 4
			Tested	Total Org. Supp.	0.9 1.0 *	1.0 1.0 *	1.0 1.0 *	0.536 0.537 *	158 156 *
			Remove and Install	Total Org. Supp.	1.3 1.3 *	1.0 1.0 *	1.0 1.0 *	0.879 0.893 *	70 67 *
			Checked	Total Org. Supp.	0.6 0.6 *	0.5 0.5 *	0.5 0.5 *	0.327 0.310 *	66 62 *

\* Measurement Data

OH-53A FLAT RATE DATA

FUNCTIONAL GROUP 03

REFERENCE FIGURE 53

ITEM NO	NOMENCLATURE	FSR/PN	ACTION CODE	MAINT LEVEL	MEAN	MEDIAN	MODE	STL. DEVI.	SAMPLE SIZE
--	Engine Oil System (Cont'd)		Remove	Total	0.8	0.5	0.5	0.476	14
				Org.	0.9	0.8	0.5	0.464	13
			Install	Supp.	*	*	*	*	*
				Total	0.7	0.5	0.5	0.484	6
				Org.	0.7	0.5	0.5	0.484	6
				Supp.	*	*	*	*	*
				Total					
				Org.					
				Supp.					
				Total					
				Org.					
				Supp.					

Continued Data

FUNCTIONAL GROUP 03  
MISCELLANEOUS ITEMS

OH-58A FLAT RATE DATA  
FUNCTIONAL GROUP 03  
MISCELLANEOUS

ITEM NO.	NOMENCLATURE	FSN/PN	ACTION CODE	MAINT. LEVEL	MEAN	MEDIAN	MODE	STD. DEV.	SAMPLE SIZE
---	Gasket	**	Replace	Total Org. Supp.	1.4 1.5 1.5	1.0 1.0 1.0	1.0 1.0 1.0	1.182 1.072 1.321	54 14 40
---	Packing	**	Replace	Total Org. Supp.	1.0 0.9 1.2	1.0 0.8 1.0	1.0 0.5 1.0	.737 .636 .917	275 630 245
---	Plug	**	Install Remove and Install	Total Org. Supp.	1.0 0.8 1.3	1.0 1.0 0.5	1.0 1.0 2.0	.612 .292 1.063	5 3 2
---	Seal	**	Replace	Total Org. Supp.	0.6 0.6 *	0.5 0.5 *	0.5 0.5 *	0.177 0.187 *	8 7 *
---	Washer	**	Replace	Total Org. Supp.	3.2 3.0 3.3	2.0 2.0 2.5	2.0 2.0 2.0	2.282 1.964 2.411	766 243 523
---	Hose Clamp	**	Install	Total Org. Supp.	2.1 2.4 *	2.0 2.0 *	2.0 2.0 *	1.281 1.140 *	6 5 *
---	Nut	**	Replace	Total Org. Supp.	0.7 * 0.8	0.5 * 0.5	0.5 * 0.5	0.468 * 0.189	11 * 10
---		**	Replace	Total Org. Supp.	0.8 0.6 1.1	0.6 0.5 1.0	1.0 0.5 1.0	0.129 0.233 0.192	14 9 6
---		**	Replace	Total Org. Supp.	2.0 1.6 2.1	1.0 1.0 1.0	1.0 1.0 1.0	1.600 1.132 1.659	28 8 20

\*Insufficient Data

\*\* Items Identified by Nomenclature as Functional Group 03 Hardware.